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A
D I R E C T O R Y
F O R
M I D W I V E S :
Or, A Guide for
W O M E N,

In their { Conception,
Bearing, and
Suckling their Children.

The First Part contains.

1. *The Anatomy of the Vessels of Generation.*
2. *The Formation of the Child in the Womb.*
3. *What hinders Conception, and its Remedies.*
4. *What furthurs Conception.*
5. *A Guide for Women in Conception.*
6. *Of Miscarriage in Women.*
7. *A Guide for Women in their Labour.*
8. *A Guide for Women in their Lying-In.*
9. *Of Nursing Children.*

To Cure all Diseases in Women, Read the *Second*
Part of this Book.

By *Nicholas Culpeper*, Gent. Student
in *Physick* and *Astrology*.

Newly Corrected from many gross Errors.

L O N D O N :

Printed for S. BALLARD, R. WARE, S. BIRT,
C. HITCH, and L. HAWES, and J. HODGES,
M.DCC.LV.





To the MIDWIVES of England, Nicholas Culpeper wisheth Success in their Office in this World, and a Crown of Glory in that to come.

Worthy Matrons,

YOU are of the Number of those whom my soul loveth, and of whom I make daily mention in my Prayers, and having (upon fixed Resolutions) consecrated the rest of my Life to the Service of my Country, in what Knowledge I was brought up in, or have spent the greatest part of my Studies about: The moving cause of which, was a serious Consideration of the notable Injuries offered to Men and Women and indeed to the Kingdom in general, by absconding the Rules of Physic from them, either not writing them at all, or to no purpose, which is so apparent, that a Man needs not the Eye of a Lynx to see it, he may read it running, though he is as blind as a Mole, if he hath but half so much Natural Instinct. What Insufferable In-

To the Midwives.

jury is it, that Men and Women should be trained up in such Ignorance, that when they are Sick and have Herbs in their Gardens conducing to their Cure, they are so Hoodwinked, that they know not their Vertues. Is not this to uphold a Company of Lazy Doctors, most of whose Covetousness outweighs their Wits as much as a Millstone outweighs a Feather? How they will answer for it another Day, God knows, I pity their Condition: This world will not last always. The Consideration of this, I say, put me upon it, to write Physic in my Mother-Tongue. I thought, and yet I think I am not mistaken in my thought, that it were a good, acceptable Work, well pleasing both to God and Man, to employ that talent God hath given me, for the repressing of this so great, so apparent, so sensible an Evil. If I fail, it's in the Power, not in Will; and God accepteth the Will for the Deed, and so will godly People for Godliness is derived from God's likeness, I conceived a few thoughts, and I hope to bring them to perfect Birth, viz. To lay down some Rules whereby a Man may as well prevent Sicknes before it comes, as a Remedy for it when it is come. And that this may be done Methodically, for things look best when they are in Order, because God is the God of Order, I determined to write of the preservation of Man, even from his Conception to his Grave. What now remains, but to bring this Determination into act? In doing which, I began here and having began here, to whom should I Dedicate it, but to you? And though I confess the Theory of

To the Midwives.

of this be requisite, very requisite to all Women, yet to whom doth the Practical Part of it belong, but to your selves? If you please to make Experience of my Rules, they are very plain, and easy enough; neither are they so many, that they will burthen your Brain, nor so few that they will be insufficient for your Necessity. If you make use of them you will find your Work easie, and you need not call for the help of a Man-Midwife, which is a Disparagement, not only to your selves, but also to your Profession. And let me tell you this (and I'll tell you but the truth) to your Knowledge, Care, and Skill, is committed both the being and well being of Women in Labour. The Creator of Heaven and Earth, the God of all the World, the greatest being of all things, commits the Life of every Child of his to your Charge, even from the very first Minute that he allots it to draw its Breath, and at your hands will he have an account of it another Day. Oh! What manner of Woman ought a Midwife to be! With what Knowledge, Skill, Care, Industry and Sincerity ought she to perform her Office? Let every honest Woman that takes this Charge upon her, take Care of it; and when she comes to deliver a Woman, let her know, that for that Day or Night's Work, she must another Day give account before Jehovah, the Lord Jesus Christ, and all the Angels.

So soon as you have read this, you will presently agree with me, that a Midwife ought to be as quick sighted as Argus, her wits must be in her Head,

To the Midwives.

for Books are at home. Hippocrates was never better skill'd in the Rules of Physic than a Midwife ought to be.

To wind up all in a word, all the Affections that can be in a Woman, ought to be in a Midwife, the first step to which is to know your Ignorance in that part of Physick which is the Basis of your act. When you know what you want, then you know what to crave; and you know who said, If any want Wisdom let him ask it of God (not of the College of Physicians, for if they do, they may hap to go without their Errand, unless they bring Money with them) for he gives liberally to all Men, and upbraideth no Man. Many of you are antient, but if you be too Old to learn, you are as much too proud. God speaks not now by Voice to Men and Women as formerly he did, but he speaks in, and by Men, and 'tis no part of Wisdom for to stop the Ear against it. When Christ Preached in Noah, the Old World did so, and you know what came after. I confess, God hath given me some little Sparks of Knowledge, I do not call them little as they come from Goa, for such a word would hold forth, if not Blasphemy, yet exream Ingratitude; but I call them little comparatively, in respect of what shall shortly be revealed to the Sons of Men. You all know the Day must break before the Sun riseth, and this I know (as surely as I know my own Name) if I reveal what I know, this light shall increase in me a perfect Day. If I hide it, I know as well what became of that Ser-
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To the Midwives.

vant that wrapped up his Talent in a Napkin, and buried it in the Ground; and when I think what will become of him, I tremble to think what will become of others that do the like.

To conclude: Grave Matrons, Be diligent in your Office, and be as careful as diligent, as well to prevent Evils before they come, as to provide for them when they are come. So may you expect the Blessing of God upon you and yours, the Lord will build your Houses as he did the Midwives of the Hebrews, when Pharoah kept their Bodies in a great Bondage, as Physicians of our Times do your understandings. And when the Days allotted for you to live in this World are expired, and the time of your Change shall come, the Lord will provide an Habitation for you not made with Hands, which will never pass away. You know who it was that promised, If you be faithful to Death you shall have a Crown of Life.

Lastly, Let me intreat the favour of you all, That if you by your own Experiences find any thing which I have written in this Book, not to be according to truth, for I am but a Man, and therefore subject to failings, first judge charitably of me: Charity and Honesty always walk hand and hand together, and think ill of no Man. 2dly, Acquaint me with them, and they shall be both acknowledged and amended. As for my self, I desire during my Life, always to remain,

Yours to what I may, or can,

Nich. Culpeper.

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By JOHN BURTON, M. D.

Of the Vessels dedicated to G E N E R A T I O N.

BOOK I.

P R O O E M I U M.

THE *Eternal God, the Creator of all things, having made that wonderful Work of his the frame of this World (every jot of which sheweth forth the infinite Power and Glory of God to the Sons of Men; for God made the World to shew his infinite Power and Wisdom, and he will destroy the World to shew his Justice; and he yet preserves the World to shew his Mercy and Patience to the Sons of Men)* he afterwards made Man in his own Image, an Epitome of all that he had made, in such a manner, that whatsoever is to be seen in the World may be found in Man, And he made him Ruler over the Workmanship of his Hands, so that there is nothing within the whole Circle of the Creation which God did not make subject to the industrious Capacity of Man; but Man being thus happy, made himself as unhappy by his Fall, that he is loathsome even to himself and others, even at his very Nativity, which is most pathetically described in *Ezek. 16. 4, 5. And as for thy Nativity in the Day thou wast Born, thy Navel was not cut, neither was thou washed in Water to supple thee; thou wast not salted at all, or swaddled at all. No Eye pitied thee to do any of these unto thee, to have compassion upon thee but thou wast cast out into the open field, to the loathing of thy Person in the Day that thou wast Born:* And from this original Sin proceed those abominable Actions which we may daily see in the World; for by it the understanding is blinded, the Will perverted, and Conscience shipwreck'd. After this the Lord in pure Mercy to Mankind, sent the Lord *Jesus Christ*, his only begotten Son, who was equal with the Father, to take our Nature upon him, and thereby unite us again to the

Culpeper's *Midwife Enlarged*.

Deity, and to satisfy his Justice to the uttermost for our Sins; whereby we are again interested in Heaven; what remains then of us to be done more than by considering the uncertainty of Man's Life. and how many Casualties he is subject to here below, to labour what in us lies to search out the secrets of Nature whereby we may preserve our own Lives the more to glorifie our Maker and to communicate that knowledge, which by our industry we have obtained, unto the Sons of Men our Brethren? Doubtless this was that which moved *Solomon* to make choice of Wisdom, accounting Riches but dung, and a Kingdom but vanity; neither did he keep close his knowledge to himself (as too many now a-Days do) but he published large Discourses both of Birds and Beasts, Herbs and Trees, and of all the Stars of Heaven, however through the Iniquity of the Times they are since lost. - The very same Principles first moved me to publish what I knew to the World; and experience witnesseth to me, that the more I reveal that knowledge God hath given me to the World, the more he still teacheth me; and being determined within my self, not to give over till I have finished the whole Body of Physic, I begin first at the Principles. namely, The Anatomy of the Vessels dedicated to Generation; for above all things I hold it most fitting that the Women (especially Midwives, should be well skill'd in the exact knowledge of the Anatomy of those Parts. Let it not be objected to me that many good Midwives are ignorant of it: What then, the more is the Pity, say I; must not I teach my Child a reason for what it saith, because a Parrot can speak as plain as it without it? A Midwife is (or else should be) Nature's helper; and how can any help Nature, and not be well skill'd in the Tools by which Nature doth her work? This then is the Business of this Book, *viz.* To give you a brief, yet very perfect Anatomy of those Members which Nature useth as Instruments to beget its like, to which I have added some means how to preserve them clean and pure, the Neglect of which I conceive to be the reason of most Miscarriages in Women, nay, and of the Death of Children in their Infancy: Which being done in all reason, the manner of Nature's forming the Work, and fashioning the

the Child in the Womb, is next to ensue, shall (the Lord assisting me) in the next place be handled.

The Instruments of Generation are two sorts, *Male*, and *Female*: Their use is the Procreation of Mankind; the Operation is by *Action* and *Passion*, the Agent is the *Seed*, the Patient *Blood*; So that the Body of Man being composed by Action and Passion, he must needs during his Life be subject to them both. Let no Man object to me, that many have written worthily of this subject before; 'tis very probable, and 'tis true that there is no less reason and understanding required to judge of Sciences formerly written, than there is to be the first Writers of them. I have been as plain as I can, and that satisfies me, and so I hope it will do all honest People.

To return to our purpose, that this may be made clear and honest, and Women know what they have to do, I shall divide this Book into two Sections.

- viz. { 1. *Genitals of MEN.*
 { 2. *The Genitals of WOMEN.*

All these are far more exactly described in Vestingius's Anatomy in English, And also in Riolanus's Anatomy, they are most clearly described, with the Diseases incident to these Parts, and the Seat of the Diseases. And for the Cure of all Diseases, see Riverius's Pract e of Physick in English.

They that think the use of these Medicines is too brief (it's so only for cheapness of the Book) let them read these Books of mine. viz. *Platerus, Sennertus, Riverius, Riolanus, Bartholinus, Johnston, Vestingius, &c.*

S E C T. I,

The Genitals of MEN.

First for the *Genitals of Men* (for I hope good Women will pardon me for serving my own Sex first) some prepare Matter to make Seed of, and they are called *Vasa Præparantia*; some elaborate, or work this Matter, as the *Corpus Varicosum*; some make the Seed fruitful, as the *Stones*; some

some carry the Seed back from the Stones, and those are called *Deferentia*; some keep or contain the Seed so carried, as the *Seminal Vessels*, or the *Prostatae*; some ejaculate or cast out this Seed from the Vessels into the Womb, as the *Yard*. I would willingly speak a Word or two of each of these Parts; but lest kind Women (whom my intent is to please in this Treatise, if doing good to them will please them) should be offended that I explain not those strange Names which the *Rabbies* of our and former Ages have used to muffle up our Eyes, lest we should see the truth and so break the yokes of Bondage from off our Necks) lest (I say) they should be offended, I desire them to take notice, that they shall find them explained in an Alphabetical Order at the latter end of the Book; the Iniquity of former times hath been such, that I want fit English Terms to express them unless I should Coin them, and that I leave to be done by such as affect Novelties, If I should every time they mention their outlandish Words (part of which are *Greek*, part *Latin*) stand to explain them, it would trouble the Reader's Patience much to read them, and mine more to write them therefore when you meet with them, search the Table at the latter end of the Book and you may understand them.

I would desire such Gentlemen that are skilled in Anatomies (of which I am afraid there are but few) to pardon me in that I have not follow'd the vulgar Rules of Anatomy, I desire them to know that I am not unskilled in most Anatomies that are written; and have been an Eye-witness in all I have written: My Opinion is, that he is not very wise that altogether neglects Authors, but he is a Fool in grain that believes them before his own Eyes, I commit my writing to the Tryal and Censure of time, as they have done before me, and shall with gladness embrace that Man that in the Spirit of Meakness (which is next of kin to the Spirit of God) tells me of my Errors. Be diligent, be diligent; God and good Men hate idle Men and Women; and that you may be Methodically diligent, be pleased to accept of this first Section, subdivided into these ensuing Chapter; I hope you will pardon me if I should be a little critical, or at least forbear your censure till you know, and are able to prove I am in an Error; he that censures before he knows, publish-

eth to the World that he is an envious Fool. They that would be knowing Physicians, let them study these Books of mine, viz. *Platerus, Sennertus, Riverius, Riolanus, Bartholinus, Johnston, Vestingius.*

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<i>Of the Preparing Vessels,</i>	1
<i>Corpus Varicosum</i>	2
<i>The Testicles or Stones.</i>	3
<i>Vasa Deferentia</i>	4
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Of all these in Order; and although (perhaps) they may be more than many of you have heard of, yet not one more than is true, nor a tittle more than is useful.

CHAP. I.

Of the Vasa Præparantia.

Their Names. THESE Galen calls ἀγλῖα παρασκευτά, and the Latins *Vasa Præparantia*, the fittest term we in English can give them (for we must borrow terms of other Nations that we may make the common People believe wonders, that so our selves may grow rich and proud, and keep Folk in ignorance, though to their own undoing, and the loss of many a dear Use. Life) is *Preparing Vessels*, which name is taken from their office which is to prepare that matter of substance which the Stones convert into Seed and fit it for that work; they are in number four, two Veins, and as many Arteries.

And here by the way let me instruct you in one notion (for I make no question that Physicians have kept you in ignorance enough) the liver is the original of Blood, and distributes it through the Body by Veins and not the Heart, as *Aristotle's* waking Dreams was, viz. That the Heart was first formed in Man, and is the seat of Blood, and the Sun of the Body, as the Sun is the Heart of the World: But we shall prove another manner of *Microscopical Sun* by and by,

when

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when we come to shew Astrologically how Man is formed in the Womb. *Veslingius* and many other Anatomists which danced after *Aristotle's* Pipe, fell into the same Error. It's use is to nourish the Body and repair decaying Flesh; and that you may conceive to be the reason why Men which keep a very slender Diet, fall away in Flesh, because they want Food to breed Blood enough to nourish them. The Heart is the original of the vital or quickning Spirit, which it distributes to the Body by the Arteries: I pray remember this all along. For you will see some effects of it in the next Chapter.

The Veins (as I told you) are two, a right and Number. a left; the right proceedeth from the *Original Vena Cava*; the left from the Emulgent Vein, although haply through that ignorance you have been trained up in, you know not what belongs to these Veins, neither is my present task to teach you; yet hereby you may come to a sight of your ignorance and that is the first step to knowledge; and I assure you, if you want love to knowledge no more than I want will teach you, you may (if God hinder not) have more by one half than you have, before you be two Years older.

I confess the Learned make a grievous quoyl what the reason is, these two Veins should proceed from a different Root: I could quit them, and mine own Opinion too, and I suppose you partly believe it; but I forbear, it being my Opinion that young Naturalists as well as young Christians, ought not to be led into doubtful disputations.

Both Arteries arise from the great Artery, which the *Greeks* call ἀρχή, which is indeed the great Trunk and Original of all the Arteries.

Such as would cure all Diseases, let them read these Books of mine, viz. *Platerus*, *Sennertus*, *Riccius*, *Riolanus*, *Bartholinus*, *Jobston*, *Veslingius*, &c.

C H A P. II.

Of the Corpus Varicosum.

Y O U remember what I told you was the use of the Veins and Arteries: the preparing Veins and Arteries, the

the one carrying Blood the other vital Spirits, and all tending to the Propagation of Man : All four tend down directly to the Stones ; 'tis not my present scope to tell you which way : They serve as Labourers to carry the Stones what they need ; as Labourers carry Brick and *Its Use*. Mortar to the Masons to build an House, so these carry Blood and vital Spirits to the Stones to make Seed, and now you know whereof Seed is made, *viz.* Vital and Natural Blood or Blood and Vital Spirits (which you please) concocted by the Stones. We shall have occasion further to speak of this before we come to a conclusion of the Book, it is not proper in this place. But stop a little, Labourers temper their Mortar before they bring it to the Brick-layers ; neither is it fit the Stones should do all the Work themselves, having four Servants to attend them, therefore these four Vessels, though at their first descension they keep at small distance the one from the other, before they enter the Testicles or Stones (call them by which Name you please) they make a curious implication, intertexture, or twisting the one from the other, which the *Greeks* call *ἀναστροφή* (if I be not mistaken) the Word signifies a *kiss*, sometimes the Veins go into the Arteries ; sometimes the Arteries into the Veins ; then they separate again ; the beholding of which brings an exceeding deal of delight to the Eye, and content to the Mind (I could shew it any Man in the Anatomy of a Dog) this implication, weaving or Twisting (as I call before) is that which some Chirurgions called *Pamphiniiformis*, and some *Corpus Varicosum*, which was the thing propounded to be treated of in this Chapter.

I do confess the same contexture of Veins and Arteries, though not in the same form, may be found in other parts of the Body, as in the Arms and Legs, else a Man being there wounded could not bleed to Death, for unless the vital Spirit comes out as well as the Blood, he might not loose the Nourishment for the time, he could not loose his Life. But to proceed —

The substance of this interweaving of the
Substance. Veins and Arteries is very hard, long, almost
Form. in Form of a Pyramid ; without any sensible
 hollownes,

Use Their Use is to mix exactly the Blood and vital Spirit, and of them both to make one Body, they being also to change the colour of them from red to white, that so the Stones may have a fit matter to work upon, and the easier Work to do; therefore the, interweaving reacheth down even to the Testicles themselves, till it even pierce their Substance.

C H A P. III.

Of the Testicles, or Stones.

THE Stones are called in Latin, *Testes*. that *Names.* is witness, because they witness one to be a Man; ask the Pope else, he will tell you I say true. The *Greeks* call them *Ἰδοις*; because they are two. I need not tell you where they are placed, for every Boy that knows his right hand from his left knows that. *Place.*

Their Substance is white, soft and spongy, full of small Veins and Arteries, and that's the reason *Substances.* that when Humours flow down into them, they swell to such a bigness.

Their Form is oval, but their bigness is not a- *Form.* like, say Authors; he that hath a mind to know. it's but feeling: They say the left is the biggest, but the right is the honest, which (say they) breeds the best and strongest Seed; and so they see Nature together by the ears with it self, as through the Stones could not agree in their own action. I suppose the first reason of this Fancy in Authors arose first from a truth (as indeed most Errors did) they knew there was both a *Microcosmical Sun* and a *Microcosmical Moon* in the Body of Men; the one of which gave vital Heat, the other radical Moisture to it: Then comes old *Aristotle*, and he finding that the *Cælestial Sun* ruled the right Eye. and almost all the right part of the Man, and the *Cælestial Moon* the left, and having an over weening conceit of himself that he knew every thing, tho' indeed he knew nothing at all rationally of the influence of the Planets upon Man, presently concludes (before once he had looked whether or no he could prove it) that it was the *Cælestial Sun* which

which causeth the heat and strength of the right side of the Body, which indeed is no such matter, for it is the *Microcosmical Sun* within the Body which gives the heat to it, and the *Microcosmical Moon* which gives the radical moisture, and that I prove by Argument, because Man is internally hottest in the Winter-time, when the *Cælestial Sun* is the greatest distance from him, as appears by the quickness of his digestion then. Each Stone hath a Muscle, which the Learned called *Cræmaster*, from the Greek word *κρεμάω*, *Muscles*. which signifies to old up, because they pull up the Stones in the Act of Generation, that so the Vessels being slackned, may the better void the Seed. Age weakens these Muscles, and then the Stones hang down lower than they do in Youth and Health.

The use of the Stones is, *First*, to convert Blood and Spirit into Seed for the Procreation of Man; and yet by your leaves, they convert not all the Blood that comes to them into Seed, but keep some for their own Nourishment. *Secondly*, They add heat, strength and courage to the Body, and that appears, because Eunuchs are neither so strong, nor hot, nor valiant as other Men; neither is an Ox so hot, or valiant as a Bull. As for the Tunicles or Skin that cover and enwrap the Stones, they conduce nothing to our present scope, so I willingly omit them.

Transverse the Stones into a small Body like a silk Worm, which is called *Epididymis*, by one extremity of which, the Vessels call'd *Deferentia* enter the Testicles and from thence carry out the Seminal matter; from the other extremity passes that Vessel call'd *Jaculatorium*.

C H A P. IV.

Of the Vasa Deferentia.

THE Vessels call'd *Deferentia* are those which carry the Seed, being perfected and thoroughly concocted by the heat and force of the Stones, from the Stones to the Seminary Vessels, which are ordained to keep it till time serve or need require, its expulsion.

They

They are in Number two, and no more, in colour White, in substance Nervous or Sinewy; *Number.* they have a certain obscure hollownes in them, and therefore *Herophilus* calls them *πορὰ σπερματικὰς*, or the *Spermatick Pores*.

They rise up from the Stores even unto the Belly, not far distant from the Preparing Vessels; when they are come into the cavity of the Belly, they turn back *Use.* again, and pass to the back side of the Bladder, between it and the right Gut. when they come near the neck of the Bladder, they are joined to the seminal Vessels, which are not much unlike the Cells, of an Honey-comb; these Cells contain an Oily substance, for they draw the softest substance from the Seed, which they empty out into the passage of Urine, chiefly in the Act of Copulation: The supposed reason is, that the thin internal skin of the Yard be not offended with the Acrimony or sharpness of the Seed. The *Vasa Deferentia* having passed, these fall into the *Glandula Prostatæ*, which are the Vessels ordained to keep the Seed; to them now turn we.

To be skillful Physicians, study these Books of mine, viz. *Platerus*, *Sennertus*, *Risnerius*, *Riolanus*, *Bartholinus*, *Johnston*, *Veslingius*.

C H A P. V.

Of the Seminal Vessels.

THE *Prostatæ* or *Glandulæ Seminales*, are *Description.* of such a body as the Vulgar when they find the like in their Meat, call *Kernels*.

They are placed between the Neck of the *Place.* Bladder and the right Gut. These compass about the *Vasa Deferentia*, and through the midst of these passeth the *Urethra*, or common passage both for Seed and Urine; you may if you please, call it the conduit of the Yard, I know not suddenly what fitter English word to give it; I am persuaded, and I have some hundred crabbed terms to witness it, that the Physicians have taken far more pains to lead Men into ignorance, than I shall or can do to teach them.

them knowledge. The ignorance of our Fore-fathers made Physicians laugh in their Sleeves; but the end of all things hastens, and that knowledge is breaking out, which shall so enlighten the world, that he who hath but half an eye may see their baseness without a pair of Spectacles. At the mouth of the *Urethrae*, where it meets with the *Vasa Deferentia*, which is (I told you in the Seminal Vessels, is a *Caruncle*) their is another of their Terms) in plain English a thick skin: its office is that the Seminal Vessels, being of a Spungy nature, might not shed their Seed against their Will. This Skin which is very full of Pores, the Pores open through heat of the act of Copulation, and so gives passage to the Seed, which being of a very subtil Spirit (and the subtiler for being moved) will pass through as Quick-silver passeth through Leather; you can see no holes in the Leather by which it passeth, neither can you see in this Skin, unless in the Anatomy of a Man that had some violent running of the Reins when he died, then they are conspicuous; for indeed these Vessels are the proper seat of that Disease, however it came in time to be called the running of the Reins: I have often read that the Reins separate the Urine, but that they contain Seed is believed by none but by the Sons of Tradition.

Besides, many times, by hanging of a Dog, his Breast being swelled by retaining his Breath, and his Bowels being compressed by swelling of that hard dung sticking in the right Gut (which will always be if you give him binding Meät the day before you hang him) doth so compress the Vessels, that you may plainly discern these Passages or Pores open. Many times when Children are cut for the Stone, in drawing away the Stone, (which in my Opinion is a likelier way to cure Children) I say, many times in drawing away the Stone, these Vessels are torn, and then if haply the Patient happen to live, he may keep other Mens Children if he please, but will never be able to get one of his own. Their substance is hard, spungy, of the bigness of a Walnut, or very near; and their use was taught you in the former Chapter.

CHAP. VI.

Of the Yard.

THE Latins have invented very many Names for the Yard, I suppose done by Venereous People (which Rome it seems was full of them, since which times Vices have increased there faster then Vertues) I intend not to spend time in rehearsing the Names, and as little about its Form and Situation, which are both well known it being the least part of my intent to tell People what they know, but teach them what they know not.

1. The Parts of it are partly common to it, and the rest of the Body. 1st. The outward skin, which investeth the whole Body; the Eyes, Mouth, &c. excepted; as also the top of the Yard, the *Greeks* call it *derivation*, the Latins *Cuticula*; and we in English the outward skin, or Scarf skin; it is very thin, as thin as the Skin you peel off from the outside of a Codlin, it is easily lost, and as soon grows again, and is altogether void of Sense; you may easily thrust a Needle through it and feel no pain: Its use is to defend the other Skin from Dust, Smoak or what else might offend it, or penetrate its subtile Pores 2^d. The Skin the *Greeks* call *deriva*, the Latins *Cutis* which is somewhat thick and full of Pores, through which the Sweat and Fuliginous Vapours of the third concoction (which concocts Blood into Flesh) pass out; these Pores are very many, as thick as the holes of a Sieve, but not so big, indeed they are as thick as they can be, and so small that they are not visible to the Eye; therefore Physicians call Sweating and the Passage of Vapours through them, *Insensible Transpiration*, indeed they are far wider in some Men and Women Bodies than they are in other some, and that's the reason some Sweat more easier than others do, and such as do Sweat often and easily are not so subject to Fevers as those are which do not, because Fevers are usually caused by Sooty or Fuliginous Vapours, which infect the Blood; which often Sweating consumes, and suffers them not to putrifie: Hence it comes to pass

*Parts of
the Yard
common.*

pass

pass that Sweating is a laudable remedy in Fevers, I confess this Skin is somewhat thinner upon the Yard than it is upon some other Parts of the Body; flabby when the Yard stands not, but stiff when it doth; this Skin is very sensible, because the Nerves concur to make up its Being. And here I beseech you to take Notice of another grand Truth, *viz* That the Brains give Sense to the Body by the Nerves or Sinews (as the Vulgar call them.) And yet Aristotle for all his great Learning, was of Opinion that the Sense lay in the Flesh, not in the Skin; and Avicen, a notable Arabian Physician, held it lay in the Fat, which is more ridiculous than the former.

3. The *Carnea Membrana*, or fleshy Skin, so called because it lies between the Flesh, not because its Body is fleshy, passeth in other Parts of the Body underneath the Fat and sticks close to the Muscles; but in the Yard there is no Fat at all, only a few superficial Veins and Arteries pass between the former Skin and this, which when the Yard stands, are visible to the Eye. These are the Parts common both to the Yard and also to the rest of the Body, which although I have been somewhat large about, yet I cannot account it tedious, because it conduceth to the teaching of Knowledge to my Country Men and Women, who have been too long Reined in with the Bridle of Ignorance by Physicians, that so they might the better be ridden by them; for just for all the World as the Popish Priests serve those they call the Laity, which is but a Word derived from the Greek Word λαός which is People in plain English, as though the Priests were no People, but either Angels (or which is more probable) Monsters; as I say, the Popish Priests serve their Laity, so do our Physicians serve the commonalty of this Nation, *viz.* hide all from them they can; for they know (as well as I know I am alive) that should the Vulgar but be a little acquainted with their Mysteries, all their Jugling and Knavery would be seen, and their Wealth and Esteem, which is the *Diana* they adore, would be put to a non plus; and that's the reason when you hear any of them cry out against me for writing Physic in my Mother-tongue, they bring no other Arguments than what the Papists bring for themselves in the same Point; neither have

have they Wit enough to make any better. One holds the *Word of God*, the other *Physic* to be a Mystery, and the Vulgar must be ignorant in them both, or else they will do themselves a mischief. A learned Argument! Knowledge doth Men a mischief; what a mad Man was *Solomon* to ask that when he had all the World to choose in? he should have asked of God a heap of Money as big as Mount *Ætna*, and then above three quarters of the People of this Nation would have been of his Judgment. Those parts of the Yard which are peculiar to itself, and to no other Parts of the Body are six.

1. *Two Nervous Bodies.*

2. *The Septum.*

3. *The Urethræ.*

4. *The Glans.*

5. *The four Muscles.*

6. *The Vessels.*

*Parts of
the Yard
particular
to itself*

Of these in Order.

The two Bodies (for they are two, though joined together) are long, hard and finewy; they are spongy within and full of black Blood; the spongy Substance of the inward part of it seems to be woven together like a Net, and consists of innumerable twigs of Veins and Arteries. The black Blood contained therein is very full of Spirits, and the Latins call it *Pectiniformis*. The delights or desire of *Venus* adds heat to these, which causeth the Yard to stand; and that's the reason venereal sights and venereal tales will do it; it needs be no stranger to any, that *Venus* (being a Planet cold and moist) should add heat to those parts, that than the *Moon* (being colder and moister than she) should burn by night, as the Scripture witnesseth, *Psal.* 121 6. An Astrologer can give you a natural reason of either, and so shall I when I come to handle the Formation of the Child in the Womb Astrologically; the hollow spongy intertexture or weaving was ordained purposely to hold or contain the Spirit of venereal heat; so that the Yard may not fall before it hath done its work; you see what a rational piece the Lord made when he made Man. These two lateral or side ligaments of the Yard, where they are thick and round, spring from the

the lower part of the Share-bone, and not from the upper part, as *Galen* dreamed; at the beginning they are separated the one from the other, and resemble a pair of Horns, or the Letter Y, where the *Urethræ* or common channel of Urin and Seed passeth between them.

2. They, soon as they come to the joining of the Share-bone are joined by the *Septum Lucidum*, which is my second internal part to be described; it is in substance white and nervous, or sinewy; its office is to uphold the two lateral or side ligaments, and the *Urethræ*.

3. The *Urethræ* is the third of the internal parts of the Yard, and which for all Physicians have given such an uncouth word, it is nothing else but the Channel by which both Seed and Urin is conveyed out.

It is in substance sinewy, thick, soft, and loose, like to that of the side ligaments before-mentioned, it begins at the neck of the Bladder, yet doth not spring from it (for if you boil the Bladder of any Beast, you may see it separate itself from it) but is only joined to it, and so passeth to the Glans.

In the beginning of it are three holes; one in the midst which is largest, which receives the Urin into it; the other two are smaller, which are sent from each seminal Vessel to it, by which it receives the Seed.

The Muscles of the Yard are four, two on each side. But before I treat of them, give me leave to tell what a Muscle is. *A Muscle is an Instrument of voluntary motion, without which no part of the Body can move itself*; the *Microscopical Sun* moveth the whole Body, as we shall shew more hereafter; but because there is no way from the beginning of a thing to the end, without a mean, so the *Microscopical Sun* in the Body makes use of the Muscles to move the Body.

It consists of Fibrous Flesh to make up its Body, of Nerves for its Sense, of Veins for its Nourishment of Arteries for its Vital Heat of a *Membrana* or Skin to knit it together, and to distinguish one Muscle from another, and all of them from the Flesh; you may, if you look, easily distinguish them in a Leg of Mutton or any other Meat where they are. But to proceed, the Yard (as I told you) is ended

endued with four of them, two on each side. It is my present scope to shew whence they arise only take notice, that the one of each side is shorter and thicker, and their use is to erect the Yard and to make it stand, and are therefore called *Erectores*. The other are longer and smaller, and their office is to dilate or open the lower part of the *Urethra* or Channel both for making Water, and voiding the Seed, and are therefore called *Acceleratores*.

5. The *Glans* is the extream part of the Yard, soft and of an exquisite feeling, by reason of the thinness of the Skin wherewith it is covered; it is covered with the *præputium* or fore-Skin, which in some Men covers the top of the Yard quite close, in others it doth not, which moving up and down in the act of Copulation, brings Pleasure both to the Men and Women; The top of this is that which the *Jews* were commanded to cut off on the eighth day. The Ligament by which the *Præputium* or fore-Skin is tied to the *Glans*, is called *Frænum*, or the Bridle.

6. The Vessels of the Yard are Veins, Nerves and Arteries. And yea *Vesalus*, (if *Columbus* speaks true) affirm'd (tho' most falsely) that there was neither Vein nor Nerve in it. Some Veins and Arteries pass by the Skin, and, as I told you before, are visible to the Eye, others pass by the inward part of the Yard; here the Arteries are wonderfully dispersed thro' the Body of the Yard, far exceeding the Dispersion of the Veins, for the right Artery is dispersed to the left side; and the left to the right side.

It hath two Nerves, the lesser of which is bestowed upon the Skin, the greater upon the Muscles and Body of the Yard. To cure all Diseases read my *Platerus*, *Sennertus*, *Riverius*, *Riolinus*, *Bartholinus*, &c.

S E C T. 2.

Of the Genitals in Women.

HAVING served my own Sex, I shall see now if I can, please the *Women*, who have no more cause than *Men* (that I know of) to be ashamed of what they have, and would be grieved, as they had cause (for they could not live)

live) if they were without; but have cause if they rightly consider of it, to thank me for telling them something they knew not before I shall divide it into these Chapters: 1. *Of the privy Passage.* 2. *Of the Womb.* 3. *Of the Stones.* 4. *Of the Spermatick Vessels.*

(All these are far more exactly described in *Vestlingius's Anatomy in English.* And also in *Riolanus's Anatomy* they are most clearly described, with the Diseases incident to the Parts, and the Seat of the Diseases. And for the Cure of all Diseases, see *Riverius's Practice of Physick in English*)

C H A P. I.

Of the Privy Passage.

IN this I shall consider but these seven following Parts.

1. The Lips, which are visible to the Eye at the first Sight, they are framed of the Body, † and have pretty store of spungy fat; there use is to keep the internal Parts from Cold and Dust. † *You may see what they are in the beginning of the Chapter of the Yard.*

2. The *Nymphæ* or Wings, which appear when the Lips are fever'd, they are framed of soft and spungy Flesh, and the doubling of the Skin. placed at the sides of the Neck they compass the *Clitoris*, and in Form and Colour resembling the Comb of a Cock.

3. The *Clitoris* is a finewy and hard Body, full of spungy and black Matter within, as the side Ligaments of the Yard are; in form it represents the Yard of a Man, and suffers Erection and falling as that doth; this is that which causeth Lust in Women, and gives delight in Copulation for without this a Women neither desires Copulation, nor hath Pleasure in it, nor conceives by it. Some are of Opinion, and I could almost afford to side with them, that such kind of Creatures they call *Hermaphrodites*, which they say bear the Genitals both of Men and Women, are nothing else but such Women in whom the *Clitoris* hangs out externally, and so resembles the form of a Yard; I leave the truth or falshood of it to be judged by such who have seen them A-

B

natomized:

anatomized: However, this is agreeable both to Reason and Authority, that the bigger the *Clitoris* is in Women, the more lustful they are.

4. Under the *Clitoris*, and above the Neck, is the Passage of the Womens Urine, so that the Urine of the Woman comes not thro' the Neck of the Womb, neither is the Passage of the Urine common as in Men, but particular and by itself; and therefore Injections for suppressing of Urine in Women, or the like, you may if you have not a Care, easily err, by putting the Syringe into the Neck of the Womb, instead of the Passage of Urine.

5. Near this are four Caruncles, or fleshy Knobs, which because they resemble the form of Mirtle-berries, the Latins call them *Myrtiformes*: These are round in Virgins, but hang flapping when Virginity is lost; the uppermost of them is largest and forked, that so it might receive the Neck of the Passage of Urine, the other are below this on the sides, they all keep back both Air and other things from entering the Neck of the Womb.

6. In Virgins the Caruncles or Knobs are joined together by a thin and finewy Skin or *Membrane*, interlaced with many small Veins, which hath a hole in the midst thro' which the Menstrual Blood passeth, about the bigness of ones little Finger; in such as are grown up, this is that noted Skin which is called *Hymen*, and is a certain note of Virginity where-ever it is found, for the first act of Copulation breaks it. I confess much controversie hath been amongst Anatomists concerning this; some holding there is no such thing at all; others that it is, but it is very rare; the truth is, most Virgins have it; some hold all; I must suspend my own Judgment till more Years bring me more Experience; yet this is certain, it may be broke without Copulation, as it may be gnawn asunder by a Defluxion of sharp Humours, especially in young Virgins, because it is thinnest in them, as also by unskillful *Pessaries*, to provoke the Terms, and how many ways else God knows.

What Authors insert of the *Hymen*, I can tell you; first the *Arabians* held it to be a Conjunction of five Veins so placed on both sides, that they are joined together: This Opinion was long since exploded.

2. *Fernelius* and *Ulmus* were of Opinion that the sides of the Neck of the Womb stuck together, which in the first Act of Copulation, were broken asunder. This is as vain as the other;

3. *Severinus Pinæus* held it to be a *Membrane*, which bound together those four Caruncles, or fleshy Knobs, as I described it before.

4. *Vesalius*, *Fallopian*, *Casseri*, and other *Italian* Anatomists held it to be a transverse *Membrane*, occupying the whole Cavity of the Neck of the Womb, and placed a little above the Neck of the Bladder. Whatsoever it be his 'tis certain.

First, That where it is, it hath certain Veins in it which bleed in the breaking of it; this was that note of Virginity which God gave to the *Hebrews*; and I myself believe it is natural in all Virgins, unless they break it with their Fingers, or by some other means. For it was no way probable, that God would have given them for a certain sign of Virginity, which *Columbus* and *Ambrose Parry* say is not always found; and *Laurentius* denies that ever he saw it. It is very probable the *Hebrew* Virgins were more chary in preserving it, than the *Italians* were; and good reason they should, not only for their Honour sake, but also for the command of God. The *Caruncula* or fleshy Knobs, together with this, resembles the form of a Rose half blown, and therefore anciently called a Flower, and thence came the Word [*to de-flower a Virgin.*]

7. The Neck of the Womb is nothing else but the distance between the Privy-passage, and the Mouth of the Womb, into which the Man's Yard goes in the act of Copulation, and in Women of reasonable stature it is eight Inches in length.

Its Substance is fleshy without, skinny and exceeding wrinkled within. And it is so wrinkled,

1. That it may better retain the Seed in the Act of Copulation.

2. That it may dilate and stretch in the Travail or Bearing of Children, and the Passage may be wider; the Neck of the Womb is seated between the Passage of Urin and the right Gut, to shew fond Man what little Reason he had to

be proud and domineer, being conceived between the Places ordained to cast out Excrements, the very sinks of the Body, and in such a manner that his Mother was ashamed to tell him how it hath two *Membrance*, and if you cut them you may perceive between them a spongyous Flesh, such as is found in the side Ligaments of the Yard which containeth Spirits, and causeth it to swell in the act of Copulation, and furnished it with innumerable springs of Veins and Arteries: To cure all Diseases, read my *Platerus. Sennertus, Riverius, Riolanus, Bartholinus, Johnston, Vestingius, &c.*

C H A P. II.

Of the Womb.

GALEN and Hippocrates, and most of the Greeks call the Womb μήτραν and ὄργαν and some χαστρο, and therefore the usual Word the Septuagint gives for [great with Child] is γ χαστροῦχῆν, the Latins call it *Matrix* and *Names. Uterus*; and we English some follow the Latin Word *Matrix*, but the only English Word is the *Womb. Parts.* Its Parts are two the Mouth of the Womb, and the bottom of the Womb.

1. The Mouth is a hole at the entrance into it which may be both dilated and shut together like a Purse; for altho' in the Act of Copulation it be big enough to receive the Glans of the Yard, yet after Conception it is so close shut, that it will not admit the Point of a Bodkin to enter; yet again at the Woman's Delivery it is so open, that it makes room enough for the Child to come out, be it never so big. This was the matter of Galen's Admiration, and gives cause to every one of us to admire at the Wonderful Works of God in the Creation of Man! Who is there that knows himself, but may know there is an All-powerful God?

If the *Matrix* be inverted, hardned, ulcerated, have Scars on it, or be too moist, there can be no Conception: For if it be inverted, it is not directly opposed to the Yard, then cannot the Seed be directly cast into it, the Seed cools, and by consequence becomes unfruitful. If it be hardned, it admits not the entrance of the Glans or top of the Yard: If it be ulcerated, it flies the very touch of the Yard: If it

have

have a Scar on it, there is no way for the Seed to enter in: If too moist, it cannot retain the Seed when it is in. Of all these their Signs and Cures, in another Chapter. Only take notice, that *Hippocrates* in his first Book of the Diseases of Women, affirms, that the often use of the act of Copulation makes the Womb slippery, and hinders Conception. As also, tho' Authors say, it is the Inversion or Hardness, or Ulcers or Scars of the Womb hinders Conception by such means as I recited, it is not probable to me; for *Nature* being sent in the World by the Eternal God, for the Increase and Multiplication of Things in the Elementary World, hath placed a *Magnetic Vertue* in the Womb, that it draws the Seed to it, as the Load-stone draws Iron, or the Fire the Light of the Candle. I rather therefore think the reason why these hinder Conception, is this, because the Womb is so busied in succouring itself, that it cannot perfect any Conception, you know a Man that is sick or wounded, cannot Work, tho' his Work lie beside him.

The Womb itself in Figure is almost perfectly *Figures* round, in Virgins it exceedeth not the bigness of a Walnut, yet when a Woman hath conceived, it dilates itself to that Capacity, that it is able to contain the Child with all its Appurtenances. It is small because the Seed is but little in quantity, which it ought to embrace and cherish; it is made up of two Skins, the one internal, the *Its Frame*. other external, the external is thickest, and very smooth and slippery, if you except those Parts where the Spermatick Vessels enter into the Womb, the internal are full of holes.

It differs much in form from the *Matrix* of Beasts, and that *Galen* was ignorant of, for indeed and in truth *Galen* never saw a Man or Woman dissected in his Lifetime, it being accounted abominable in his time to use such supposed Cruelty upon the dead Corps, and therefore he dissected only Apes, which was the cause he wrote such an Apish Anatomy. It seems the *Græcians* in *Galen's* Days were as peevish as our Citizens now-a-days are, who think their Children or Friends were little less than Murthered even after they are dead, if a Chirurgeon should but open their Bodies to see but of what Disease they died; which if they would but

suffer, it would tend infinitely to the increase of knowledge in Physicians, and the good of Mankind in general, yea, and to the preservation of their own Children then living ; for I know divers that have buried their own Children of one and the same Disease. It hath but one only Cavity, and yet *Mundimus* his Opinion was, That there were seven Cells in it ; and he and *Galen* (because they were famous Men, were followed as little God-a-mighties that they cannot err) have so poisoned the World with this Doctrine, that most Midwives that I have talked with, hold indeed that the Womb hath seven Cells, each able to contain a Child a piece, forsooth ; and so a Woman may have seven Children at a Birth naturally, and no more ; and this is just as true as the Moon is made with green Cheese. There is in truth but one only Cavity in the Womb, and I cannot but admire why any that hath seen a Woman Anatomized, should be of any other Opinion, unless they should take the Holes where the Spermatick Vessels come into the Womb, to be Cells. I shall (God willing) in my next Book speak more of the Conception of Twins in the Womb, and also how they are separated. I shall here end with the Womb : For what else necessary concerning it is to be described, the next Book will manifest.

C H A P. III.

Of the Stones.

THE Stones of Women (for they have such kind of Toys as well as Men) differ from the Stones of Men.

1. In Place ; for they are within the Belly in Women, but without in Men.

2. In Magnitude ; for they are less in Women than in Men.

3. In Form ; for they are uneven in Women, but smooth in Men.

4. They are not staid in Women by Muscles, but by Ligaments.

5. They have no *Prostates*.

6. They

6. They differ in Figure ; for they are depressed or flatish in Women, but oval in Men.

7. They have but one Skin, whereas Men have four ; and the reason is, because Mens are exposed to the cold as being without the Belly, so are not Womens.

8 Their Substance is more soft than in Men.

9. In Temperature they are colder than Mens are. The use of the Stones in Women is the same that they are in Men, *viz* Two concoct Seed, and of this Judgment was *Hippocrates* in ancient Days, and yet *Aristotle* had the face to deny that Women had any Seed at all, though against both Reason and Experience. Also *Jovian Pontanus* in his Celestial Observations, goes about to prove the very same thing in the *Moon*, which *Aristotle* quotes in Women ; he affirms, That the *Moon* only supplies matter for the *Sun* to work upon in the Generation of things here below, even as the Female doth the Male in the Generation of Man ; and that he learned of *Aristotle*, and so he confesses ; but those that have studied *Hermetical-Philosophy* knew well enough, that the moisture which the *Moon* bestows upon the Earth, hath an active Principle in it, yea such an active Principle that the World cannot stand without it, nor Philosophers operate without it. Other Opinions there are, which I shall not mention here because they belong not properly to the point in Hand, but reserve them to their proper Place.

And thus much briefly for their *Stones*.

C H A P. IV.

Of the Seminal Vessels.

THE Spermatick Vessels in Women also are divided into *Præparantia*, or preparing Vessels ; and *Deferentia*, or carrying Vessels.

The *Præparantia* differ not in number from those in Men ; for they also are four, two Veins and two Arteries ; their Rise and Original is the same also as in Men : The right Vein springeth from the Trunk of the *Vena Cava* (what the *Vena Cava* is, you shall be taught at the latter end of the Book, where all hard Names shall be explained, and that

Course hereafter will I keep in all my Writings.) The right Vein I say springeth from the Trunk of the *Vena Cava* under the Emulgent, but the left springeth from the Emulgent of the same side, both Arteries spring from the great Artery, which the *Greeks* call *ἀοστή*.

Yet there is some difference between the Preparing Vessels in Men, and those in Women; else I needed not have troubled myself about them.

1. They are shorter in Women than they are in Men, because their Passage is shorter, the Stones of a Woman lying within the Belly, but of Men without, in lieu of which they have far more wreathings to and fro, in and out, than they have in Men, so that the substance they carry may be the better prepared: They often turning to and fro, making amends for the shortness of the Passage.

2. They are not united as they are in Man, before they come to the Stones, but are divided into two Branches, whereof the greater only passeth the Stones, the lesser to the Womb, for nourishment both of itself and the Infant in it. One quaint Observation let me note, and then I have done with the Preparing Vessels: It is thus; The Spermatick Veins receive the Arteries as they pass by the side of the Womb, and so there is a mixture between the vital and natural Blood, that so the Work might the better be wrought: For if you blow up the Spermatick Vein with a Quill, you may perceive both the right and left Vessels of the Womb blown up from whence may be easily apprehended the Communion of all the Vessels of the Womb. The *Deferentia* or Carrying Vessels spring from the lower part of the Stones. They are in colour white, in substance sinewy, they pass not to the Womb straight, but wreathed, that so the shortness of the way may be recompenced by the multitude of the Windings; near the Womb, they become broad again. They proceed in two Parts from the Womb, which resemble Horns, and are called the Horns of the Womb: And they may be seen in Female Beasts as well as in Women, tho' their Wombs differ far: In these Horns do these *Vasal Deferentia* end, and by them pass into the Womb.

Such as would be skilful Physicians, let them read these Books

Books of mine, viz. *Platerus, Sennertus, Riverius Riolanus, Bartholinus, Johnston Vestingius, &c.*

S E C T. 3.

How to preserve the Instruments of Generation pure.

IT is so apparent a Truth, that it needs no proof, that the reason why so many Infants die in their Infancy is to be sought for in the Parents, it being clear that the Children of unhealthful Parents seldom live long; this was clearly seen by the ancient *Alchymists*, who referred the Original of all Diseases to the Seed of the Parents, even as the Original of Plants is in their Seeds; for the Diseases have not their Original from the *Elements*, but from their own proper Seed of that Disease in them. *Philosophers* know that the *Sun* makes Gold of one Earth and Flints of another; according as they are sitting, let such therefore as desire to have their Children live, use such means as may keep the *Instruments of Generation* pure and clean, and their Blood pure, that so their *Seed* being pure *Nature* having pure matter to work upon, make her work perfect and so subject to live, and not prone to die: To this end I shall give here two general Remedies to two general Evils, which I conceive to be the chief cause of the Death of Children in their Infancy, and let such Parents as desire their Children should live, be very careful in observing of them; as for particulars, they may be found hereafter in this Book.

The first, *Temperance of Diet.*

The second, *Exercise of Body.*

And let each stand in a Chapter by itself.

C H A P. I.

Of Temperance in Diet.

EXcellent and true was the Speech of *Galen*, *Plures gula periere quam gladio*, The Throat destroys more than the Sword doth; Excess in either Meat or Drink causeth Crudities; Crudities causeth ill Blood; of ill Blood cannot be

made good Seed ; and by this means Parents often come by the Death of their Infants, even in their Infancy, and know not of it.

The Cure of Intemperancy is to be performed by Temperancy, and they that use it shall find by Experience that it will not only as a means under God, lengthen the lives of the Children, but also bring singular Benefits both to the Bodies and Minds of the Parents, for look how much difference there is in Purity between Water which is muddy, and Water which is clear, so much and more also there is between the Blood and the Seed of those that keep a Temperate, and those that keep an Intemperate Diet. I shall be very brief in laying down this, that so I may, as much as lies in my Power, instruct you, and do you good, and not tire your Patience with a tale of a Cock and Bull ; therefore consider.

1. That by a Temperate Diet, I intend that such an exact quantity of Meat and Drink should be taken into the Stomach, as the Stomach is well able to concoct and digest perfectly, which sufficeth the due Nourishment of the Body differently according to the Employment either of the Body or Mind ; the Measure of Food ought to be as much as possibly may be proportionable to the quality and condition of the Stomach, the reason is clear because it is the Office of the Stomach to digest it : Hence it appears.

1. That such as lead a studious Life ought not to Eat so much as those that lead a laborious Life, because the Digestion is not so good ; therefore their Meats ought to be less in quantity, and lighter of Digestion.

2. The measure in respect of Quantity is not the same to all sorts of People, but very different, and that three ways.

First, In respect of the diversity of the Air, for such as live in hot Countries must eat less Meat than those that live in cold, and less in Summer than in Winter, in one and the same Country.

Secondly, In respect of the Persons themselves Eating : For divers People are of divers Complexions ; and diversity of Complexions requires a diverse quantity of Food : The way for a Man to find out what Complexion he is of, and also what quantity of Food is agreeable to that Complexion,

is very plainly laid down in my Translation of *Galen's Art of Physic*, to which I refer you.

Thirdly, In respect of Age, for Youth requires a greater quantity than old Age; and so do those that are in Health require a greater quantity than those that are Sick: And hereby the way, I have wished an hundred times, and do wish still, that one foolish Fashion in this Nation were left, namely, inciting Sick People to Eat much; whereas if the Disease come out of Repletion, as most Diseases do, Fasting is far better Cure for them than Feeding.

3. Hence it comes to pass that a greater quantity of some Meats is to be taken than of other some. Meats are more appropriated to one Stomach than another, and some Meats are lighter of Digestion than other some.

4. Such as use bodily Exercise ought to take a greater quantity of Food, and such as is harder of Digestion, than such as only lead studious Lives, and exercise the Faculties of the Mind only; the reason is clear; for the Exercises of the Mind hinder Concoction, because they call up the whole Powers of the Spirit to succour the Brain and Understanding; hence it comes to pass, that a Man that is intent upon his Study, he regards not what he sees, nor hears, not what his dearest Friends say to him but either he answers them not at all, or else nothing to the purpose. This is the first Consideration.

I Consider that the greatest Difficulty lies in this *viz.* in finding out the exact measure of Diet: This I shall labour to remove

1. By shewing you the Grounds of this Difficulty,

2. By giving you some Remedies to remove it.

1. The Grounds of the Difficulty seem to me to consist in Pleasure; for Pleasure knows not the Bounds of Necessity, neither doth Lust know where Necessity ends; for if you mind it you shall find:

First, That Appetite is many times prolonged far beyond the Satisfaction of Hunger or Thirst, so that three or four times so much as would suffice Nature is thrust into the Body of Liquorishness.

Secondly, Appetite many times proceeds from the Apprehension of the Fancy; Fancy conceives Meat to the de-

lightful and pleasant, and Appetite follow's them, when Reason itself testifies it to be hurtful.

2. I shall give you some Remedies or Rules whereby you may find out the fit Measure of Meat and Drink ; and they are these ;

First, If you take so much Food at a time, (be it Meat or Drink, it matters not) as makes you unfit for Study, or other Duties of the Mind, then it is apparent you have exceeded the due measure ; for it is very clear that all the Offence that proceeds to the Brain by way of Food, ariseth from the abundance of Vapours which are sent up from the Stomach to the Head, which either would not be at all, or else would be pure, if you had not either eat or drank too much.

Secondly, If you find a dulness, heaviness and weariness after Food, or a proneness to Sleep so soon as you have eaten, be sure you have taken too much ; for Meat and Drink ought to refresh the Body, and make it chearful, and not to oppress it, and make it dull.

Thirdly, Avoid all sorts of Food by which you afterward find Prejudice, tho' you delight your Palate never so much when you eat them ; for that which pleaseth the Palate, doth not always please the Liver ; and if they agree not with the Liver, they cause Curnidities, Cloudiness and Dizziness of the Brain, Wind, Distillation upon the Lungs, &c.

Fourthly, I shall only give you one Caution more, and that is this, subtract from your excess in Diet by little and little ; for *Nature abhors all sudden Changes, tho' they be from bad to good* : As ill Custom got Possession over Nature by degrees.

3. Come we now to the last Consideration, in which we shall endeavour to prove, that Intemperance in Diet in the Parents, causeth the Death of many of their Children in their Infancy, even before any Direction in their Nativities come to cut them off : That we shall endeavour to do thus :

First, If it cause Corruption in the Blood, and Seed of the Parents, it must needs hasten the Dissolution of the Children ; the first of which we shall prove thus : Almost all Diseases have their Original from Repletion ; *viz.* Taking more Meat

Meat and Drink than Nature requires, or the Stomach can well digest, as is excellently well laid down by the Wise Man, *Eccles.* 37, 29, 30, 31. *Be not unsatiable in any dainty thing, nor too greedy upon Meats; for excess of Meat bringeth Sicknes, and Surfeiting will turn into Choler. By Surfeiting bath many Perished, but he that taketh heed, prolongeth his Life.*

Secondly, Consider, that all Crudities are nothing but an imperfect Concoction of Food; for when the Stomach receives more Food than it can digest, the Chyle made of such Meat must needs be crude, because the Stomach maketh a Corruption instead of a Concoction. Then consider,

Thirdly, The Liver cannot turn bad Chyle into good Blood; neither can the Testicles convert bad Blood into good Seed, because the second Concoction cannot amend the fault committed in the first, nor yet can the third amend the Faults committed in the second: Hence you see that it comes to pass that Men and Women give the occasion of the Death of their Children before they are begotten.

Fourthly, On the contrary, for contraries mightily illustrate one another; from a Temperate Diet is good Chyle caused, such as is agreeable to Nature from good Chyle is good Blood bred; and from good Blood good Seed; and from good Seed, strong Children, lusty and healthful, which according to the Principles of Nature are subject to live. And so much for this Chapter.

C H A P. II.

Of the Exercise of the Body.

THAT ever God ordain'd Men or Women should live idly, I never yet read nor heard; and *Lycurgus* the famous *Spartan* Commander, being asked the reason why he forced Young Virgins to Labour? Answer'd very wisely and discreetly, that thereby cleansing their Bodies of evil Excrements, they might bring forth lusty Children when they were Married; a prudent Speech well befitting the Man that uttered it, and very fit to be practised in every Commonwealth. But that I may shew how the Exercise of the Body of the Parent conduceth to the Life of the Child, consider

consider it stirs up natural Heat in them, there is as much difference between a Man's Body when natural Heat is stirred up, and when it is not stirred up, as there is between the Earth in *Winter* and *Summer*; when the *Sun* stirs up natural Heat in the Element, the Earth rejoiceth and brings forth its increase; when the *Sun* departs, and by his distance cannot stir up natural Heat, then the Earth is dismantled of the Beauty which the Spring bestowed upon her, and mourns like the Trees in *October*: Even so in the Body of Man, if natural Heat be capable of Concocting pure and good Seed for the Generation of Man, which it cannot do so long as it lies Suckling in his own Center, the *Microcosmical Sun*.

2. Moderate Exercise equally distributes the Spirits throughout the Body; and if so, then of necessity they must needs be equally distributed in the Seed; those that have studied *Natural Philosophy*, know well enough that it is the unequal distribution of the Elements which causeth the Death of all Things; and the more they are unequally distributed in a Thing, the faster its Dissolution hastens; so that you may rest assuredly confident of the Truth of this, that the more equally your Spirits are distributed in your Bodies, the more equally will they be distributed in your Seed; and by consequence so much the more probable are your Children to live.

3. Moderate Exercise by opening the Pores, cleanseth the Blood of those fuliginous or sooty Vapours which usually offend it: And this is the reason Sweating is such a good Remedy in Fevers. Now then, if the Blood be cleansed of what offends it, or corrupts it before it be sent down to the Testicles to be Concocted into Seed, the Children bred of this purified Seed must needs be stronger, and by consequence more subject to live.

Thus you see what Reason saith to the Point, *viz* That moderate Exercise of the Parents conduceth much to the Lives of the Children. I shall call up my other Brother, *viz*. Doctor *Experience*, to Testify the truth of this.

You see, nay, you cannot but see, unless you are wilfully blind, that poor People such as work hard, and fare hard, and are seldom Idle, have more Children, and those stronger and lustier of Body, and usually longer lived than such as

live Idly, and fare deliciously ; tell me else what becomes of all our Citizens Children, there being scarce so many of them to be found now, as may be proved have been born in half a Year's time ? I am confident not so many of them are now to be found of seven Years of Age : They that will be Wife, let them be Wife.

AND thus much for my First Book, which contains the Anatomy of the Parts dedicated to the Procreation of Man, or at least of so many of them as may serve for a ground Work to the following Discourse ; and this needs no Guide, as being itself the Guide and Basis to the whole Work.

*Of the Formation of the CHILD in the
W O M B.*

B O O K II.

P R O O E M I U M.

I Would willingly have omitted here to the proud Conceits of the Learned Rabbies of our Age, to wit. That no Creature is Rational but Man (as intending to write of it hereafter in another Treatise) whereas indeed there is no natural Wisdom which Man hath found out by his Study, but the same is naturally to be found in the Creatures taken *in sensu conjuncto*, nay, and far excelling Man, nay, the best of Men breathing, when they have spent their time, and tired their Brains in Study : it's possible a few Creatures (as Horses, and Oxen, and Asses and the like) which Man hath brought up in Slavery, may not be so rational as their Masters. A Bird that has been brought up in a Cage, will fly into the Cage again, tho' you take him out and set him on the further side of the Table ; but a Bird that was brought up in the Woods, and so knows what Liberty is, if you shut him in a Cage, he will go near to die for madness.

The

The reason is, because the first knows not what Liberty is, but by Bondage is in a sort deprived of Reason. Did not the wisest of Men say, *Oppression will make a wise Man mad*? And is madness ought else but deprivation of Reason? We cannot know whether Creatures at Liberty have any Religion or Knowledge of God or not; we may guess from *Psal.* 104. If we do but mark what we read that they have; however this is certain, They never went together by the Ears about it as we have done; but as for an absolute Commonwealth, take it as a Free State, or Monarchical, Man comes as far short of the Wisdom of Creatures, as I do of the Wisdom of Solomon.

1. That such of the Creatures that hold a Free State, and if *Agur* may be believed, such are *Locusts*; *The Locusts have no King, yet they go forth in Bands*; They have no Kings therefore a free State; they go out in Bands, therefore have they Government. The Word (*Band*) signifies Government as well as Number; for Soldiers ungoverned, will sooner make a Rout than a Regiment.

2. Take another Monarchical State, and they are *Bees*, read but *Butler's Book of Bees*, written altogether from Experience, and you shall see what an admirable Martial Commonwealth they keep, how patient in private Wrongs; for if you abuse a Bee in the Field she will not sting you if she can possibly get away without, yet do but affront them at home, then the Wrong is publick, then if you would save yourself you must run for it. The Truth is, no Monarchy of Men throughout the whole Universe was ever compared to them, and yet they never read *Ethios*, and are utterly unacquainted with *Machiavalianism*, whereas Man for all his Reason he brags so much of, and all his Reading and Learning could never frame such a Monarchy, but may, nay hath undone itself even by Civil Wars, (the worst of all other) witness the *Græcian* and *Roman* Monarchies, that I may not speak one Word of *England*.

The very Truth is, Man hath far more Pride than other Creatures (the Lord keep me from such Reason) who having torn a little Knowledge from one Creature, and a little from another, and by comparing what one Creature doth, with what another doth, having a few of them bred up in
subjection

abjection and slavery that they can have no commerce one with another, unless it be to pity one another in their slavery for it's probable that Birds and Beasts understand one anothers Language, though we understand but little of theirs (the *Cuckow* excepted) so that for want of Liberty they cannot come to the knowledge of their own State; and then Man vapours that he is the only Rational Creature upon the Earth. Oh abominable Pride!

I was something the larger upon this Subject, because the knowledge of it is one means to move Men to look upon Jesus Christ, and expect his Spirit, and to long after an Union with God through him, when they do but see what miserable Creatures Sin hath made them: Besides hereby a Man may sooner come to the knowledge of himself, which is the greatest of all Earthly Knowledge.

I am come now to the matter, which is, how proud, though miserable, Man is formed in the Womb.

THIS matter being of great Importance not only in *Physic*, but also in *Philosophy*; I shall be as Methodical in it as I can, therefore I shall treat of it in a double way.

- § 1. *Physically.*
§ 2. *Astrologically.*

And let each stand in a *Section* by itself.

S E C T. I.

The Physical way of Formation of the Child in the Womb.

THAT this may be orderly done (for all things look best when they are in Order, because God is the God of Order) I shall note,

1. *The proper Parts of the Child,*
2. *The Formation of the Child and its Situation in the Womb.*
3. *Answer to some needful Questions.*

And let each of these also make the Complement of one Chapter.

CHAP. I.

Of the Parts proper to the Child in the Womb.

I Call those Parts proper to the Child in the Womb only which help either to nourish it there, or to cloath or defend it there; and either cast away, or are of no use, unless perhaps *Physical* or *Medicinal*; it being Born.

These I shall divide into two Parts.

1. *The Umbilicars, or Navel-Vessels.*
2. *The Secundine.*

The *first*, serves for its internal Use. The *second* for its external. The *first* nourisheth it; the *second* cloaths it, and defends it from Wrongs.

Of the Umbelicar, or Navel Vessels.

They are in Number Four; One Vein, Two Arteries and the Vessel which is called *Urachos*; of all which a part.

1. The Vein is the Nourisher of the Infant even from the beginning of the Conception, to the time of Delivery till it breath Air and Concoct its Food as we do.

It ariseth from the Liver of the Child; and when it hath passed the Navel it is divided into two Parts, and these two are again divided and subdivided, the Branches being upheld by the Skin called *Chorion* (of which more anon) and are joined to the Veins of the Mother's Womb, from whence they have their Blood for the Nourishment of the Child.

2. The Arteries are two, one on each side, which proceed from the Iliac Branches of the great Artery of the Mother by these is the Vital Blood carried to the Child, being ready concocted by the Mother.

3. A Nervous or finewy Production is led from the bottom of the Bladder of the Infant to the Navel, and this is called *Urachos*, and its use (as the Word signifies, for we must use Greek Words, else how should we keep People in Ignorance)

ignorance) is to convey the Urine of the Infant from the ladder to the *Allantois*.

I confess various are the Opinions of Anatomists concerning this, some denying any such things to be in the Delivery of Women, but only in Beasts. Some shew their Ignorance, others their Skill in the Art of Disputation, and some few their Experience, which I shall quote, *Bartholomew Carbro-us*, a Chirurgeon, and the ordinary Dissector of the Anatomies to the College of Physicians at *Montpelier* in France, records an History of a Maid whose Water being a long time stopped; did at last issue out through the Navel.

John Fernelius, *Pathol. Cap. 13.* Records the like of a Man of 30 Years of Age, who having a stoppage in the Neck of the Bladder, his Urine issued out of his Navel many Months together, and that without any Prejudice at all to his Health, which he ascribes to the ill tying of his Navel, whereby the *Urachos* was not well dried. *Volchier Boiter* quotes such another, in a Maid of 34 Years of Age at *Noremberg* in *Germany*; I confess there are but seldom, yet hereby may be proved such a thing as an *Urachos* in Men.

These four Vessels, to wit, one Vein, two Arteries, and the *Urachos*, do join near to the Navel, and are united by a Skin which they have from *Chorion*, and so become like a Gut or Rope, and are altogether void of Sense, and this is what Women call the Navel-string. Women may if they please, when they have cut it off, take the Pains to open it, and see for their own Content, and those about them, that what I have written here is the Truth.

The Vessels are thus joined together, that so they might neither be broken being severed, nor entangled together; these when the Infant is born are of no use save only to make up the Ligament which stops the hole of the Navel, and some other Physical uses, which I may happen to touch upon before the end.

Of the Secundine.

THE Greeks call this τὰ δευτέρα & τὰ ὕστερα, the Latins imitating them, call them *Secundas*, and *Secundinas*,
and

and our Women the Secundine, After-birth, and After-burden. They are in Number held to be four, where here I shall only describe and shew their use, and let the forming of them alone till I come to the next Chapter.

1. The first is that which is called *Placenta*, a kind of Latin Word given to a Sugar-Cake, because it resembles the Form of a Cake; it is knit both to the Navel and to the *Chorion*, and makes up the greatest part of the Secundine, or After-birth.

The Flesh of it is like that of the Milt or Spleen, soft, red, and tending something to blackness, and hath very many small Veins and Arteries in it; and certainly the chief use of it, is for the firmer containing the Child in the Womb.

2. Of the *Chorion*; this *Columbus* denies to be Skin; you see acute Men may be mistaken, and if so, what an ill-favoured Master Tradition is! whereas it is most certain that the *Chorion* and *Amnion* involve the Child round, both above, and underneath, and on both sides; *Allantois* doth not so. The Skin, *Hippocrates* commonly in his Book of the Diseases of Women, calls the Secundine, or at least gives this particular Name, the Secundine in general (whereas *Columbus* mistook this for the *Placenta*) it is a Skin thick and white, garnished with very many small Veins and Arteries ending in the *Placenta*, very light and slippery.

Its use is not only to cover the Child round about, but also to relieve and safely bind up the Root, and the Veins and Arteries, or Navel Vessels before described.

3. Of the *Allantois*: This some deny to be found in the Body of Man; and truly those that prove it to be there prove it more by Reason than Experience. If I had so many Children in *Holland* as I have had in *England*, I could have better certify'd you of the Truth of it; for in *Holland* all Men are present at their Wives Labours: They are delivered upon their Husbands Laps, and not upon a Stool. *Galen* said there was such a thing in Women as well as in Beasts, and the greatest part of our latter Writers have been no better than *Galen's* Apes; and yet *Galen* never saw Man nor Woman Anatomized. However if it be, good Women may find it if they look for it; it is, they say, white

white and soft, and exceeding thin, and just under the *Placenta*, where it's knit to the *Urachus*, from which it receives the Urine, and its Office is to keep it separated from the sweat, that the saltres of it may not offend the tender Skin of the Child.

4. The last covering of the Child yet remains, which is called *Amnion*; it is white, soft, thin and transparent, nourished by some very small Veins and Arteries.

Its use is not only to enwrap the Child round, but also to retain the Sweat of the Child: the use of which Sweat, I shall haply touch upon hereafter.

And thus much for the first Chapter, *viz.* The Parts proper to the Child.

C H A P. IV.

The Formation of the Child in the Womb.

HAVING spoken of the proper Part of the Child, we come next to speak of its Formation; but before I begin this, give me leave to promise, that this is my difficultest Piece of Work in the whole Book, nay in the whole study of Anatomy, because such Anatomies are hard to be gotten; most Women that lie on their Death-beds when they are with Child, miscarry before they die, if not all; besides, *Galen* never saw a Woman Anatomized in his Lifetime, as I shall prove by and by (and yet our Anatomists follow him as a little God-a-mighty, and his *ipse dixit* serves the turn; and so the Blind leading the Blind, you know what will become of them both) *Columbus* in the most rational in this Point that I know; the rest, some follow *Galen*, some *Vesalius*, some their Fancies, and some Quibble about it. Myself saw one Woman opened that died in Child bed, not delivered, and that is more by one than most of our *Dons* have seen, yet they are confident as *Aesop's* Crow was, that he was an Eagle, but he was made a Mocking-stock to the Boys for his Labour; and so will they be shortly for their foolish Model of Physic, that I may give it no worse Name.

And

And then secondly, I hope you will give me leave to be a little Critical; for there is need enough, if you knew but so much as I; if I commit any Failings they are unknown to me: Let the Honesty of my Intentions deface them with a *Deleatur*.

Now the Business.

1. The Testicles or Stones of a Woman are for Generation of Seed, where many times (if the Doctors and Chirurgeons were not high base and denied your Admittance) you might see it in an Anatomy, white, thick, and well concocted. *Womens Testicles, White.*

2. In the Act of Copulation, the Woman spends her Seed as well as the Man; and both are united to make the Conception.

3. The reason why sometimes a Male is conceived, sometimes a Female, is the strength of the Seed: For if a Man's Seed be strongest, a Male is conceived; if the Woman's; a Female; the greater Light obscures the lesser by the same Rule, and that's the Reason weakly Men get most Girls, if they get any Children at all. *Why sometimes a Boy in Conceived, and sometimes a Girl.*

This shews a manifest Difference between Nature and Appetite: Nature strives to beget its like, Men to beget Men, Women to beget Women; but for Men to desire Girls, and Women Boys, is Appetite, not Nature: And yet you see the Wisdom of most Men and Women, desire to pleasure Appetite and not Nature, and so plainly make themselves Slaves to their own Sense. Experience shews us, that a Girl of a Year old fancies Men more than Women, and Boys of the same Age the contrary. If the Horse or Mare Trot, it were a Wonder if the Foal should Amble; and yet you see also where *Nature* is strong, it will vanquish *Appetite*, do it the worst it can. *Difference between Nature and Appetite.*

4 The Seed of both Sexes being united, the Womb instantly shuts up, partly to hinder the extramission or passing out of the Seed, partly to cherish the Seed by its unbred Heat, the better to provoke it to Action. And that's the Reason

reason Womens Bellies are so lank at their first Conception :
then instantly *Nature* goes to work.

1. You must consider, that the first thing which is Operative in the Conception is the Spirit, whereof the Seed is all : This Spirit *Nature* quickeneth by the Heat of the Womb, and stirs it up to Action.

2. The seed, though it seems to be but one Mass yet indeed it consists of very different Parts, of which some are pure, some are impure : The internal Spirit therefore severeth those Parts, those that are thick, cold and clammy, from those that are pure and more noble : These are cast to the outsides, and with these is the Seeds circled round, and of these are the Membranes made, in which the pure Seed is wrapped round, and defended from cold and other Accidents, and kept close together, that so it may operate the better.

3. You may more than guess at the Truth of this, if you do but consider the growth of Trees, which is a very familiar Example (though heeded by few) for if you do but see it.

1. The cold of Winter congeals and putrifies the Vital spirits in the Trees, which is again resolved in the Spring by the Heat of the *Sun*.

2. By this *Nature* opens the Pores of the Trees, and distils Drops, always separating the pure from the impure ; of the pure it makes Flowers ; of the impure, Leaves ; and of the gross, Bark. But to return again to our People.

1. The first thing that is formed, is the Skin *Amnion*, the next the *Chorion*, and they enwrap the Seed round as a Curtain : To let the idle *Ideas* of *Arantius* his Brain alone (who was of another Opinion) as not worthy of an Answer.

2. Very speedily after this (and yet this is done in a very short time) lest the Seed thus shut up should corrupt or which is most proper that it might not lie idle (for God and *Nature* hate Idleness) is the Navel-Vein bred, which pierceth those Skins being yet very Tender, and carries a drop of Blood from the Veins of the Mother's Womb to the Seed, of which Drop is formed the Liver, from which Liver is soon bred the *Vena Cava*, or chief Vein, from which all the rest of the Veins that nourish the Body spring, and now hath

hath the Seed something to nourish it, whilst it performs the rest of the Work, and also Blood administred to every Part of it to form the Flesh.

And now tell me I pray you, if this be not better Reason, than to hold all the Members are formed together, as Man contend stoutly for and they no *small Fools* neither; or if you like Tradition better than Reason, I will not rob you of it; you may take it, and walk a Fool in the Horn-fair with it; for I assure you, he that builds his Faith upon Tradition all Day, may sit down in the Chimney-corner at Night, and scratch his Head with a pair of Fool's Nails.

And I pray tell me, if it be not learned Divinity which you shall sometimes hear taught in Pulpits for Othodox, *That the Heart lives first, and dies last*, when the Liver lives, before the Heart is framed? I weigh not a rush the nier Definition of *Aristotle*, and the *Peripateticks*, nor of all the Fools that dance after their Pipes; how that first a Man lives the Life of a Plant, then of a Beast, and after that of a Man. They know what the Life of a Plant is, as much as doth a Hobby-horse, and but little more. 'Tis the Communication of the God head to a Plant that makes it grow, though not in such a spiritual Way as he communicates himself to Believers by the Person of Jesus Christ.

Præseutem monstrat quælibet Herba Deum.

Every Grass shews God is present with it, and 'tis the withdrawing of God that makes it wither; this is that they have no skill in if they can get Money, they have gotten their Desire. Let them tell me the Reason of the Antipathy between the Herbs *Rue* and *Basil*, that one will not grow near another, and yet both Garden-Herbs; but what do I talk to a learned College of Physicians of Magnetic Vertues? Talk to them how they shall raise their Fees from Ten Shillings to Twenty. I proceed.

3. This Vein being formed the Navel Arteries are soon after formed, then the great Artery; of which all other are but branches, and then the Heart, and so according to *Columbus*, all the Arteries are formed before the Heart, and good Reason too, for I told you before, that the Body was quickned by the Arteries, and that the Navel-Arteries were bred from the Arteries of the Mother; good Reason then that

that they should be formed next, to give the Seed vital Blood for the forming and quickning of the Body; since now the Liver hath fitted them with Blood, as Matter to build up this frail House of Flesh withal.

4. The next of all, the Liver furnisheth them with Blood to form the Heart: for the Arteries are made of Seed, but the Heart, as also all Flesh, of Blood.

5. After this the Brain is formed, then the Nerves to give Sense and Motion to the Infant.

Here *Aristotle* and the *Peripateticks* are an hundred *Aristotle's* Miles from the Truth. Judge if they do not make *Foolery*. a Saving Voyage, that will needs have the Heart formed first, and that the most noble Part of the Body; whereas the Brain is a more noble Part, as being the Seat of Reason, and it must be also the Fountain of Blood; and many other Falsities, which I have heard Ministers deliver in a Pulpit, as confidently as Hogs will eat Acorns: Are such Ministers of God, I pray, or *Aristotle*?

6. If you ask me which of the Bones be formed first, I answer, the *Vertebræ* and Skull; of the Order of forming the rest; as also of forming the Flesh I am ignorant; *Aristotle* was of Opinion the *Vertebræ* were first formed of all the Bones, and there the Man hit the Nail on the Head.

To be a skilful Physician, study these Books of mine, viz. *Platerus*, *Sennertus*, *Riverius*, *Riolanus*, *Bartholinus*, *Johnston*, *Vestlingius*, &c.

C H A P. III.

An Answer to some needful Questions about the Formation of the Child in the Womb.

IN answering these, I shall anger some, and some I shall teach; I shall please others and not displease myself.

Many and large have the Disputes of the Ancient and Modern Writers been about Trifles in this Case, which I shall willingly pass by. As,

1. Whether the Seed be the efficient cause of our Formation or not?

2. Whether Women have Seed or not?

C

3. Whether

3. Whether it act in Forming as well as the Seed of Man?
4. Whether all the Members be formed together?
5. Whether the Heart live first?
6. Whether Seed flows from all Parts of the Body?
7. Whether Seed of Sexes must be presently mixed or not?

8. Whether this active Power of Forming be in the Womb or not? With these and many other like frivolous Discourse have Authors (for want of better Employment) blotted a Cart-load of Paper with, and spent that precious time in such needless Disputes, which might have been better employed, for the good of their Brethren. Only some need-

ful Questions here are to be answered, which I shall perform as briefly and plainly as I can. The first is this, *What is the Form the Child lies in, in the Womb? In what Fashion doth it lie there?*

About this Authors cannot agree; not two of them in ten are of one Opinion. You see what a woful Master Tradition is, and what a miserable thing it is in *Physick*, as well as *Divinity*, to pin one's Faith upon another Man's Sleeve, be he never so learned. I shall give you first *Hippocrates's* Judgment, then *Columbus*, and last of all a Figure out of *Spigelius*.

Hippocrates in his Treatise *De Natur. Pueri*, affirms the *Child* as he is placed in the Womb, to have his Hands, and his Knees, and his Head bent down towards his Feet so that he lies round together, his Hands upon both his Knees, and his Face between them, so that each Eye toucheth each Thumb, and his Nose betwixt his Knees. Of this Opinion was *Bartholinus* the younger. *Columbus* holds that the Figure of the *Child* is round in the Womb, the right Arm bowed the Fingers thereof under the Ear, and above the Neck, the Head bowed down, so that the Chin toucheth the Breast, the left Arm bowed above both Breast and Face, and the left Arm is propped up by the bending of the right Elbow, the Legs are lifted upwards, the right of which is so lifted up, that the Thigh toucheth the Belly, the Knees the Navel, the Heel

Heel toucheth the left Buttock, and the Foot is turned back and covereth the Secrets, the left Thigh toucheth the Belly. and the Leg is lifted up to the Breast; the Back lies outward.

Lastly, I here insert you the Figure taken out of *Spigelius*, who quotes it but of a Child prepared for the Birth, or when the Birth is near, and as far as I remember, that which I saw was like this.

Insert the Figure here.

My second Question is, *How the Child is nourished in the Womb?*

Authors differ as much about this: I shall quote some of them, that none should think I am critical without Cause against Antiquity, which our Nation, for want of more Wit, have accounted Venerable.

*How nourished
in the Womb.*

Almeon thought the Infant drew in his Nourishment by his whole Body; because it is rare and spongy, as a Sponge sucks in Water on every Side; and so he thought it sucked Blood, not only from the Mother's Veins, but also from the Womb.

Democrates and *Epicurus*, recorded by *Plutarch*, that the Child suck'd in its Nourishment by its Mouth. And also *Hippocrates*, *Lib. de Principiis*, affirms, That the Child suck'd both Nourishment and Breath by its Mouth from the Mother when she breathed, (though in his other Treatises he seems to deny it) yet there he brings two reasons for it: 1. Because it sucks so soon as it's Born, therefore it needs must have Learned before. 2. Because there are Excrements found in the Guts of it so soon as 'tis born.

To the first I answer thus, It learns to suck by *Natural Instinct*. Take a young Cat that never saw her Dam catch a Mouse, yet will she catch Mice so soon as she is able: Must she needs therefore suck Mice from her Dam when she was in her Belly? And yet this Argument of *Hippocrates*, will serve for such a Priest as denies any such thing as *Natural Instinct* (of which I know some) to teach in the Pulpit for Authentick.

To this second Reason I answer thus, That these are not Excrements of the first Concoction; and that I prove, because they stink not, but are the thickest Blood convey'd from the Vessels of the Spleen to the Guts, and there driven into that Form. All these being as far off from the Truth, as *Dover* is from the *Lizard Point*: We must find a new Way for the Child's Nourishment; and the Truth is, all Modern Writers agree, the Child receives its Nourishment by its Navel; but what the natural Nourishment of the Child, they also keep an old pother about, and defend and prove about, like Lawyers, and all to no purpose in the World.

Aristotle and the *Peripateticks*, and *Magrius* from them, held it to be nourished in the Womb by the Woman's *Menstrua's*.

Others, as *Columella*, *Pliny*, *Columbus*, and *Fernelius*, they deny the Child to be nourished by Menstruous Blood; and their reasons are, because it is impure, and this Impurity they prove, because it kills tender Herbs, makes Trees barren, and Dogs mad, and hurts the Women themselves, many ways causing Pains, Swelling, Vomiting, loss of Appetite, Vertigo, the Fits of the Mother, and over sharp and cruel Diseases of the Womb; and therefore being thus evil, they are not fit Nourishment for the Child. A very learned Dispute for a couple of Boys of seven Years old a piece to decide. For,

1. This Blood which a Woman voided once a Month, is not so bad as they make it to be; nay, simply in its self considered, not bad at all, but very good; for if the Woman's Body be in good Temper, the Blood must needs be good; and the reason why she voids it, is, because it offends in quantity, not because it offends in quality; but if the Woman's Body be vicious, the Blood which remains in it is vicious, as well as what is cast out.

2. It is not simply the *Menstrua's* which produce those dangerous Effects they talk of; but the *Menstrua's* stopped beyond their due time, and by Stoppage corrupted, and by Corruption are these ill Effects they talk of produced; and this is a better Argument to prove them very good Blood than

than very bad ; for the best of Things when corrupt, prove the worst. But,

3. What need all this quoil have been ? We all know that it is called [*Menstrua's*] because it is cast out Monthly ; and we know that Women have them not the greatest Part of the time they go with Child, nor most Women when they give suck : And if the Child be not nourished with the same Blood in the one, and it be converted into Milk in the other, what becomes of it ? It seems then this cavelling is rather about the Word [*Menstrua's*] or about the Blood retained above a Month before Conception, than about any material thing in the Business : But I have done.

I come now to the Answer of the Question, and yet let me tell you first of another of *Hippocrates* his Absurdities, *viz.* That the latter time of the remaining, or the Child in the Womb after it is quick, it is nourished partly by the Mother's Milk ; you may find in his Book *De Naturâ Pueri* ; it deserves not an Answer, being just as probable as that a Millstone can swim.

The Truth is the Child is nourished in the Womb by very pure Blood, conveyed into the Liver by the Navel Vein, which is a Branch of the *Vena Porta*, or Gate-Vein, and passeth to the small Veins of the Liver : Here this Blood is more purified, and the thicker and rawer part of it is conveyed to the Spleen and Kidnies ; the thick Excrement of it to the Guts, which is that Excrement found there so soon as they are born. The pure part is conveyed to the *Vena Cava*, or hollow Vein, and by it distributed throughout the Body by the small Veins, which like small Rivulets pass to every Part of it. This Blood is accompanied with a certain watry Substance, as all Blood is better to convey it through the Passages it is to run in, which, as in Men is breath'd out by Sweating, and contained in the *Annois*, as I told you before. I have done with this Question, after I have shew'd you that there is a certain watry Substance in white Blood is sent to the Kidnies, and from the Kidnies is this sent by the *Ureters* to the Bladder : Neither doth an Infant void his Urine by his Privities, but it is conveyed to the *Allantois* by the *Urachos*, (which I described before) which is long and bloodless, and passeth from the Bottom of the Bladder to

46. Culpeper's *Midwife Enlarged*.

the *Allantis*; neither hath it any Muscle belonging to it, seeing no time unseasonable to the Infant in the Womb to void its Water, whereas we have Muscles at the Root of the Yard, to stop and open, that we might follow our Business, and not always be Pissing.

And thus you have,

1. In what Form the Child lies.
2. How it is nourished in the Womb.

S E C T. II.

The Formation of the Child in the Womb Astrologically handled.

1. **I**T cannot be denied, but that the Stars and Elements have a mutual Sympathy one with another, because they are produced out of one and the same *Chaos*.

2. The *Elementary* Bodies are in Subjection to the *Cælestial* because, *Obedience is to be found in the Elementary World*.

3. That there must needs be *Microcosmical Stars* in the Body of Man, because he is an exact Epitome of the Creation.

4. That this *Microcosmical Sun, Moon and Stars*, must be active, and the *Elementary* Part of the Body of Man passive, appears, because the *Cælestial* Bodies are not changed, but remain the very same. Now there were at the Creation but *Elementary* Bodies always increase or decrease, and never stand at a Stay; hence then it will come to pass, which all (unless Cavillers) will confess, that as the *Cælestial* Bodies in the *Microcosm* induce the Form, and the *Elementary* World subministers Matter for this Form; so also they must of Necessity do in the *Microcosm*.

5. To present this more clearly before your Eyes as a Truth, take notice, that the Womb of a Woman is under *Scorpio*; for under *Virgo* it cannot be, because *Virgo* is a barren Sign: And here by the way, that few or no Writers that ever yet could read, could give any Reason why *Scorpio* is a fruitful Sign; they tell you a long Tale of a Tub concerning the rest of the Signs, as that *Leo* is a barren Sign, because Lions seldom bring forth Young. But why should not *Taurus* be a barren Sign? for Bulls never bring forth Young; and *Aries* is not Fruitful, because is it the House of

Mars,

Mars, and why then should *Scorpio*, which is the House of *Mars* also? The Truth is (to let the Fictions of Authors pass) *Scorpio* is a fruitful Sign, because it rules the Womb: And *Cancer* and *Pisces* are fruitful, because they are of the same Triplicity. But to proceed:

That every Planet hath Influence in the Generation of Man, appears by this Table.

Let them that would be learned Physicians, read these Books of mine, viz. *Platerus, Sennertus, Riverius, Riolanus, Bartholinus, Johnston, Vestingius, &c.*

The Table is this.

[illegible]

Every Planet is said to rule particular Parts of the Body, and several Parts, according to each Sign he is in. All Authors have left Tables of this, and all false. I at first desiring a Reason of this Table, found out in about half an Hour's study, that every Planet ruled the Head when he was in his own House, and the Neck in the House succeeding; but this, when I could not find it agree with the Writings of other Authors (with their Tables of Nature I mean) I was first at a little stand ; considering a Man had as good put his Wits an

Apprentice to a Man of *Bedlam*, as make them Slaves to *Tradition*, I drew out a Table in another Form, which presently gave me as much Satisfaction as I desired ; so much as belongs to my present Argument I shall here quote. You shall find that every Planet in *Scorpio* governs the Parts of the Body which are under the same Signs which he is Lord of, the Luminaries excepted, which do it by Reception, is an evident Testimony that they have Influence in forming the Child in the Womb ; as also there is a mixture of the Influence of the Luminaries in that Action.

Let this suffice to have proved, that the Planet have an Influence even upon the Conception in the Womb ; we come now to shew you.

1. What Authors say concerning the thing.

2. What indeed the Truth is.

1. What Authors.

The first Month of the Conception they give to *Saturn*, by whose Influence and retentive Faculty they say the Seed is fastned in the Womb.

2. The second Month they attribute to *Jupiter*, by whose Influence they say the Foundation of Growth, Sense and Understanding is laid ; whereas the Foundation of all is laid in the Commixture of the Seed in both Sexes ; the Man is then formed in *divinus* in *posse*, though not in *esse*.

3. The third Month they give to *Mars*, and he they say gives Heat and Motion to the Child ; but if it wanted Heat before, how could it live till that time ? It is but a frigid Argument, to think Life can be maintained by cold.

4. Then the *Sun* challengeth the fourth Month they say, and he furnisheth the Child with vital Spirit, but *Mars* gave it Motion a Month before ; and was ever voluntary Motion to be known without vital Spirit ?

5. Then comes *Venus*, and she in the fifth Month gives the Child Comeliness and Beauty ; but by their Leave, if they take comeliness for fashion of Body, that it hath long before ; for the Body is fashioned in thirty or forty Days as all hold ; but if for clearness of Skin that appears not till the Child be of some Age, namely a Year or more.

6. *Mercury*, he hath the sixth Month appropriated to him in which time they say, he separates and distinguisheth the Members

Members of the Child, which were before connexed ; This is such a peice of Business Man knows not what to think of, much less what to make of ; if they mean by distinguishing the Members, the breaking of these Skins which wrap the Child round in the Womb, viz. the *γαστήρ ἀμνίων*, they are not broken before the time of the Woman's Labour ; if they dream that the Members or Limbs of the Child are in a *Chaos* before, this is but a Dream waking ; and as simple a Business as it is to believe that they are tied together by Ligaments &c. (for to write like a Scholar, for I write now to Astrologers, who should be Scholars if they are not) it is ridiculous, and declines as much from the Truth, as the *Poles* of the World do from the *Equator*, that any one should think that those Limbs of the Child that now are separated, should formerly be joined together, either by *Enaribrosis*, *Arthrodia*, *Gynglymos*, *Harmonia*, *Sutura*, *Gomphosis*, *Sincondrosis*, *Sinneurosis*, or *Syssarcosis*.

7. And then the *Moon* must come to make up another Error in the Work, and she must have the seventh Month bestowed upon her, in which they say compleats the Child, which was just as compleat five Months before.

2. To shew you the Truth of the Business.

Authors fail not so much in the Operation of the Planets, as they dorn the time in allotting the Planets what they must do every Month ; whereas indeed they all operate together at the same time, but if all the rest of the Planets should lie still while one works, what a mad peice of Work would they make ? A Man had as good affirm, that every Planet moveth his Month, and all the rest stand still the while. Philosophy teacheth Men that Motion is the Cause of Change ; for it is the Motion of the *Sun*, or else of the *Earth* that causes Day and Night. But that we may be Methodical in laying down the true and genuine Operation of the Planetary Influence in this Act of conception : We shall speak of each Planet by it self.

1. The *Sun*, is well known to every one, gives Heat to the World : And if so, then also to the Body of Man, because our Life consists chiefly by Heat, which animates the Moisture, so that the *Sun* must needs be the Author of Life, and Father of all living creatures, and therefore must of necessity be first formed in the Seed of both Sexes, being mixed

in respect of Order, if not in respect of Time: He is formed in the very midst of the Seed, from whence he quickens, inspires, and moves every Part to its particular Action. Indeed what *Aristotle* attributes to the Heart in the Generation of Man is very true, if he had spoken of the *Microcosmical Sun*, and therefore some real Philosophers (I scarce dare reckon *Aristotle* in the Number of them) having imagined that the Seat of the *Microcosmical Sun* in the Body of Man was the Heart; yet I can scarce be of that Opinion that the *Microcosmical Sun* and *Moon*, which Reign like King and Queen in the Body, should be confined to any particular Place, however the Office of the *Microcosmical Sun* both in and after conception is to give vital Spirit, and stir up all things to Motion and Action.

2. As the Water moistens the Earth that so it might not be burnt up by the scorching Heat of the *Cælestial Sun*; so the *Microcosmical-moon* adds Moisture to the Conception from the very beginning of the *Embryo*, even to the utmost term of Life; and this is that which they call *Radical-moisture*, a familiar Term amongst all *Physicians*, yet understood by very few. Some *Philosophers* are of Opinion, that the *Microcosmical-moon* keeps her Residence in the Brain, and that's the Reason *Aristotle's* earthly, dull Philosophy, held that the Brains cooled the Heart; but how or which way, neither himself, nor any Body else can tell. 'Tis some invisible business which had its Original from the Brain-sick Humour of an idle Philosopher. But out of question, the *Microcosmical-moon* is not confined to any one Part of the Body, but is universally in it as *Radical-moisture* is. Indeed the truth is, as the *Sun* gives Heat, so the *Moon* gives Moisture: And that is the Reason the Generation of Things is held to be from Heat and Moisture; and if so (which is most certain) what an admirable fantastical Dream was that of *Aristotle*, that the Brain was cold and moist?

3. There must be something to counterpoise the Heat of the *Sun*, and Moisture of the *Moon*, and this must be by a Planet contrary to them both, else it could not be done, which Office *Saturn* performs; for he fixes and stays the Beams of the *Microcosmical Sun* and *Moon*, that so Generation may be made. You know Shoemakers nail on their Shoes to the

the Last before they can sow them; the bones are also framed by his Influence, by which this frail conception is upheld and stayed after it is born.

4. There can be no Generation without Putrefaction, therefore what Rays the Lunaries let fall upon the Seed, and *Saturn* hath fixed *Jupiter*, by his Heat and Moisture putrifies and concocts, and by his equal Temper preserves a Harmony in it.

5. As all things are bred by Heat and Moisture, and fixed by coldness and dryness; so the Generation of Man, there must needs be some exsuperance and abounding; this *Mars* heats, exhales and converts both into Excrements, and also hardens into coverings of the *Embryo*: Indeed his Heat is a drying, burning, calcining Nature; for all things are made better and purer by Calcination; so indeed is the *Embryo* in the Womb made fit for growth by the Heat of *Mars*.

6. We told you all Generation was performed by Heat and Moisture, therefore as *Mars* Heats and Calcines the *Embryo*, so *Venus* moistens it. And here you have the Reasons.

1. Why *Venus* being a cold and moist Planet should be the Author of Generation, seeing all Generation is performed by Heat and Moisture; indeed she doth but only add Moisture to the Heat of *Mars*.

2. Considering what Antipathy there is between *Mars* and *Venus*, and yet what a Sympathy they have in the Generation of Man; and see the Reason of that Sympathy and Antipathy of things generated.

3. Seeing all things are generated by a Corruption of the contrary Qualities, you need not ask the Reason why Man being so generated must in time come to Corruption.

4. You see here the Reason of those Poetical Fictions that *Mars* and *Venus* were so often found in Adultery, because they perform the very same Office in the Generation of Man.

5. It is Proof enough to me, that *Mars* and *Venus* do perform this Action of the Conception of Man, because their Bodies in the Heavens are nearest of all the five Planets of the Globe to this our Terrestrial Star.

6. *Mercury*

6. *Mercury* being of a mutable Nature, often applying to the *Sun* and *Moon*, and the Planets; *Mercury* maketh the sensible, and (some say) rational Part in Man, and so bestows Sense and Reason upon the *Embryo*; in Deed and Truth, he bestows such a penetrating and acute Humour upon the *Embryo*, which stirs up to Contemplation, inquiring after the Reasons of Things; for he causeth that inbred Desire of Knowledge which is in the Sons of Men: Only here is one thing which seems worth the Answering, which is, That those that are born in the seventh Month, may live by Reason of the Complement, fulfilling of the Planetary Motions; but such as are born in the eighth Month, are either born dead, or live but a very little while, because the Disposition or Government of the Conception is turned back to *Saturn*, who (they say) is inimical to Nature in all his Qualities.

To this I Answer;

1. *Saturn* is inimical to none but to such as know not his Qualities; for he cannot endure ignorant Puppies.

2. 'Tis not the Complement of seven Planets that makes a Child live, born at the seventh Month, but the perfection of the Number [*Seven*] which, if I were writing Divinity, I could prove by Scripture to be the perfectest Number that is.

3. *Hippocrates* may be mistaken in his Book *De Principiis*, and in that *De Oestimesfri Partu*, and in that *De Alimento*; in all which he goes about to prove, That a Child born in the eighth Month cannot live, *Galen*, *Aristotle*, *Plutarch*, and others, that wrote the same things after him, might be but his Apes; for the Writers of *Egypt*, *Spain*, and those of *Naxos*, they affirm, that Children born in the eighth Month have lived: Set one against the other.

4. There may be some difference about *Hippocrates* his Months, viz. Whether they were *Solar* or *Lunar*. A *Solar* Month is the Time in which the *Sun* is transiting one of the Signs of the *Zodiac*, and is very near thirty, or thirty one Days throughout the Year.

A *Lunar Month* is the time that the *Moon* traceth through the *Zodiac*, and consisteth of 27 Days, some odd Hours, and some odd Minutes.

5. The Women they wrote of, might be a Month mistaken of their Reckoning; that is as easily done, and as often by some, as a Woman can mistake one Shoe for another in the dark.

6. If the Office of *Saturn* be to retain the Seed in the Womb the first Month, who causeth the Expulsion of the Child in the eighth, which they attribute to him also? Is *Saturn* so old that he has lost his retentive Faculty?

They that would be knowing Physicians, let them study these Books of mine, viz. *Platerus*, *Sennertus*, *Riverius*, *Riolanus*, *Bartholinus*, *Jobnston*, *Vestingius*, *Rulandus*, *Fernelius*, *Sanctor*.

B O O K III.

Of what hinders Conception, together with its Remedies.

IT is most certain, that all Men and Women desire Children, partly because they are Blessings of God, and so Saints desire them, *Psal.* 127. 3. *Lo Children are an Heritage of the Lord, and the Womb is his Reward.* As also *Psal.* 128. from the beginning to the latter end, prove it. Or else because they are pretty things to play withal, every like desiring to play with its like. Or lastly, and most probably, Lust is the Cause of begetting more Children than the desire of the Blessings of God; for where the desire for Children moves one to the Act of Copulation, the Pleasure in the Act moves an hundred, and such corrupt Principles prove usually Baseness in the middle, and Bitterness in the latter end, to those that use them. It being apparent by the Curse of God upon *Eve*, *I will exceedingly multiply the Conception*, that many Children come into the World as a Curse. But

I am not now to act the part of a Divine but of a Physician, and therefore to the Purpose in hand.

What binders Conception, causeth Barrenness.

Barrenness is { 1. *Natural*.
2. *Accidental*.
3. *Against Nature*.

Of each of these in a Section by itself.

S E C T. I.

Of Natural Barrenness.

NATURAL Barrenness, I call that which causeth Barrenness in a Woman; the Instruments of Generation being perfect in both herself and her Husband, no preposterous or diabolical Course used to cause it, yet the Woman remains naturally barren; neither Age, nor natural Defect, and Diseases impeding, yet she conceives not.

To find out all the Reasons of this, requires a stronger Head-piece than I have; yet what the Lord hath imparted unto me, I shall freely impart to you.

1. The Man and the Wife that are both of one Complexion, seldom have Children; and the Reason is clear from the universal course of Nature, which being formed by an All-wise God, of a composition of Contraries, cannot be increased by a Composition of likes; and although to find two People just in every particular of a Complexion, be a System happily too rare to find, or very seldom found; yet if they be very near of a Complexion, my Reason will hold good, and I know no Remedy for it; unless they should Part; for if the main cause of Marriage be the Procreation of Children, I know not but that Marriage which denies this may be unlawful. The Truth is, Marriage is the greatest natural Action of Man's Life, and he that waits upon God for his Direction in it, shall not do amiss.

2. Want of Love between Man and Wife is another cause of Barrenness. That there is an essential, vital Spirit in the Seed of both Sexes is without all Question: (And that made up the Basis of *Onan's* Sin mentioned in Scripture, in spilling his Seed; the other as circumstances, did but

but aggravate it, for this God slew him. I believe God hath been more merciful to many in *England* in the same case, yet he is as just now as he was in *Onan's Days*. Then secondly, that this Seed participates of the Nature of both Sexes, is very clear, by Mens begetting their like, *viz.* Men and Women beget Men and Women; then if their Hearts be not united in Love, how should their Seed unite to cause conception? It is reported of two *Theban* Princes, *Eteocles* and *Polynices*, both Brothers, yet a mortal Hatred between them, that having slain one another in Battle, when their Bodies were burned (for in those Days and Places they burned the dead Corps, and entombed only their Ashes) that the Fire parted in the middle and went up in two Tops, and if there were such a mummial Hatred in their Dead corps, greater must the Hatred be in the Seed of two disagreeing Sexes, because it hath more Spirit in it; and this is the Reason there never comes conception upon Rapes.

It is a sad thing Men should take Women for their Friends that did love them, and then hate them: And as sad, that Women when they are Married, should either through Pride or Folly, or something else, so forget themselves, their Husbands, and their God, that they cannot live quietly with them; and worse than either (if worse can be) is that trick of Parents, to compel their Children to Marry against their Minds; such corrupt beginnings, usually bring Sorrow enough to all Parties that use them, or have a Hand in them; and that they all know by that time they have counted the middle and both ends.

3 A third cause of natural Barrenness is, the letting of Virgins Blood in the Arm before their courses come down: These come down in Virgins usually in the fourteenth Year of their Age, seldom before the thirteenth, never before the twelfth: And because usually all young Virgins are out of frame before they first break down, the Mother takes the Daughter's Piss, and away to Doctor *Dunce* runs she, who knowing something by her Water, as much as he could if he looked in a Crow's Nest, and gathering by the Mother's Talk, and by seeing the Party, that fulness of Blood offended, straight prescribes Blood-letting in the Arm (Bleeding and Purging, and Purging and Vomitting, being all the

Medicines

Medicines that many country Physicians to my Knowledge have Skill in, or commonly use) they go whip Diseases out of the Body, as *Sexton's* whip *Dogs* out of the Church, (this is done, and then she is well for a time, the superfluous blood being taken away; the next Year (if she stay so long) she falls in the same case, then the other bout of bleeding, and in three or four times so serving, especially if the Maid use much exercise, the blood comes not down to the Womb as it doth in other Women, but the Womb dries up, and becomes for ever barren.

For preventing this for time to come, let no Virgin be let blood in the Arm before their *Menstrua's* come well down (cases of Necessity excepted) but rather in the Foot; for that provokes the blood downward, and by that Means it provokes the Terms.

4. A fourth cause of natural barrenness, is loss of carnal Copulation; Men and Women come to the School of *Venus*, either not at all, or so frigidly, that as good never as whit, as never the better.

This is perpetually caused of a cold Distemper, and must be cured by such things as heat and nourish.

For the cure. Let such eat and drink of the best; *Sine Cerere & Libero friget Venus*, saith the Latin Proverb: Without good Meat and good Drink, *Venus* will be frozen to Death.

Wholesome Food for such, are Cock-stones, Lamb stones, Sparrows, Partridges, Quails, Pheasants-eggs; and take this for an Aphorism of Truth, both in this Diet, and all other parts of Physick; *Whatsoever any creature is addicted extremely to, they move the Man that eats them to the like by their mimical Virtue.* Therefore Partridges, Quails, Sparrows, &c. being exceedingly addicted to Venery, they work the same in those Men and Women that eat them.

I will give you another, Look in what parts of the Body the Faculty which you would strengthen lies, and take the same part of the Body of another Creature, in whom the Faculty is strong, as Medicines: For Example, the Virtue procreates lives in the Testicles, therefore Cock-stones, &c. are Medicinal for this Disease.

I have written enough of this to wise Men; but because all Men are not so, neither do I know *Remedy.* when they will, I shall quote some few Receipts.

1. Let such often eat windy Meats, especially such as nourish much, as Parsneps, Alexanders, Skirrets, Pine-nuts, &c.

2. Let them take a Dram of the Electuary *Diasayrion* every Morning. You may find the way how to make it in my Translation of the *London Dispensatory.*

3. The Stones of a Fox dried to Powder, and a Dram taken every Morning in Muskadel.

4. A Dram of *Satyrian* Roots taken in the like Manner.

But because I shall touch much upon this in the next Book, I pass it here. And thus much for this Section.

S E C T. II.

Of Accidental Barrenness.

I call that Accidental Barrenness, which comes by Reason of some casual Infirmary upon the body of the Man or his Wife at a time, which being taken away, the Effect ceaseth.

This is sometimes caused by the Man's part, but most commonly on the Woman's.

Then what I am here to speak to is, *Barrenness caused by some cause which may easily be Corrected and Remedied.*

Authors have left ways to know, whether the cause of barrenness lie in the Man or in the Woman, and *Hyppocrates* was very busy about it; but because I cannot confide in his Judgment, I shall pass it by in silence.

The most rational way of Knowledge in this Point that ever I read in this case, I shall quote, and give my Reason for it; if it do hold true, well and good; if not, I cannot help it, for I never tried. It is this;

Take a Handful of *Barley* (any other Corn that will quickly grow will serve the turn as well) and steep half of it in the Urine of the Man, and the other half in the Urine of the Woman, the space of four and twenty Hours, then take it out and set it, the Man's by itself, and the Woman's by

by itself, set it in a Flower-pot or something else where you may keep it dry, then Water the Man's every Morning with his own Urine, the Woman's with hers, and that which grows first is the greatest sign of Fruitfulness, if one grow not at all, they are naturally barren, say Authors; for my Part I do not bind any Man to believe it, yet this I say, all Men and Women desire to be Fruitful, and the Urine of one that is Fruitful (probably) is more likely to make a Seed grow, than the Urine of one that is not Fruitful, because there is a Principle of Fruitfulness in the one, not so in the other; and every Man knows (that doth but know his Right Hand from his Left) that Urine is essential to the Body of every one: And if it can shew Disease. why not as well Fruitfulness and its contrary?

But to proceed;

Barrenness Accidental is either common to both Man and Wife, *i. e.* either of them may be troubled with the Infirmitiy, or else it is proper to the Woman only, this (as I told you) is most frequent; neither is it my Purpose here to speak of Diseases incident to Men, which may cause Barrenness for the time being, but of such as properly cause it; for the Instruments of Generation in Man being perfect, his Diet and Exercise according to Rule, which the first Book hath already, and the next Book shall further instruct you in. I know no accidental Cause of Barrenness in him, if his Body be in Health.

The chief cause of Barrenness in a Woman lies in her Womb, and its Infirmities, which what they are, their Cause, Signs and Cure, you shall find in Order presented to your View.

1. *Of stopping of the Menstrua's.*
2. *Of overflowing of the Menstrua's.*
3. *Of the Flux of the Womb.*
4. *Of falling out of the Womb.*
5. *Of Inflammation of the Womb.*
6. *Of Windiness of the Womb.*
7. *Of Heat and Driness of the Womb.*

Of these in Order.

C H A P. I.

Of the stoppage of the Menstrua's.

THE *Menstrua's* stop in a Woman.

1. *Naturally.*

2. *Against Nature.*

To know the Difference between these, you must have regard to the Age of the Party : In many the *Menstrua's* appear not till after the fourteenth Year, in few before, in none till after twelve.

They stop naturally in some Women about the 50th Year of their Age, in some before; they continue in very few Women after the five and fiftieth.

When they stop through Age, the Woman is past Child-bearing, not before, for then it ceaseth to be with her after the Custom of Women.

1. Such as use themselves to much Exercises, have but few of them, but those few are very good *Causes*. Blood; and the Reason why they have but few, is because the Blood is consumed by Exercise.

2. Again many times, they are stopped in immoderate fat People, for their Veins are narrow, and that little Blood they have is turned into Fat.

3. Such as are wasted by continual Sickness, have but little superfluous Blood in them.

4. Sometimes they are stopped by reason the Woman hath the Hæmorrhoids or Piles at the Time.

5. Sometimes they fly up to some Sore or Ulcers in the Body, as happens to such Women as have a Canker in their Breasts. These I note but by the by. But

6. Sometimes either a hot or cold Distemper of the Womb itself causeth it. And

7. Care, Fear, Sorrow and Grief cause it.

My present Scope is only to speak of the two latter, and more particularly of the last save one, for the Causes of the last being taken away, Effects cease.

The general Signs of a Woman molested with this Disease are Heaviness of the whole Body, *Signs general.*
Proneness

Proneness to Vomit, Loathing of Meat, and certain Tremblings, such as happen to Women with Child, Pains in the Back, and sometimes in their Stomach and Neck, and Breast, the hinder part of the Eyes, and the fore part of the Head, and sometimes their Body swells.

The diversity of the Case may be partly *Particular*. known by the relation of the Sick. A cool

Distemper is known by Dulness, Sleepiness, Slowness in Moving, a Pale, Whitely, Leaden Colour. A hot Distemper is known by the contrary Signs. I am no way ignorant of the ways the Ancients used for the cure of this Disease in Women; because I like them not, I shall make bold to leave them out, and insert my own, for which I shall give my reasons. Considering that the stopping of the *Menstrua's* come thro' default in the Womb usually, the best way to help it, is by strengthening the Womb. I shall give you first the way of Cure.

Secondly, Cautions in using it.

1. Let the Patient so grieved Sweat; for that *Cure*. opens the Pores. The best way is to Sweat in a Hot-House.

2. Let the Womb be strengthened by drinking a draught of White-wine, wherein an handful of stinking Arach being first bruised, hath been boiled; the Herb is common, it grows almost upon every Dung-hill throughout the Nation. It by a secret, Magnetic Virtue strengthens the Womb, and by Sympathy removes any Disease thereof.

3. If there be together with this Infirmary Pains in the Head, as usually there is, for there is great Sympathy between the Head, and the Womb, and that's the reason all Cephalic Herbs almost strengthen the Womb, add a handful of *Vervain* to it, which by a like Magnetic Virtue strengthens both Womb and Head.

4. This being used two or three Days, if they come not down: Take of Calaminth, Pennyroyal, Thyme, Mother of Thyme, Bettony, Dittany, Burnet, Feather-few, Mugwort, Sage, Piony-roots (the Female are best in this case, let Man part their Pleasure) Juniper-berries; half an handful of these, or so many of them as can be gotten, boiled in Beer, and drank for ordinary Drink.

5. Take

5. Take one part of Gentian, two parts of Centaury : Distil them with Ale in an Alembec, after you have bruised the Gentian roots, and infused them well : This water is an admirable Remedy, not only to provoke the Terms, but also to resist the Pestilence, to help stuffings in the Stomach, the Spleen, to Purge not only the Womb, but also the body of Cholerick and Corrupt Humours. If so be you have not this Water in a readines, Take a dram of Centaury, and half a dram of Gentian Roots, beat them to Powder, take it in the Morning in White wine ; or you may boil an handful of Centaury, and half a handful of Gentian Roots bruised, and boil it in Posset drink, and brink a draught of it at Night going to bed.

6. The Seed of wild Navew beaten to Powder, and a dram of it taken in the Morning in White-wine, doth the like.

6. Alexander-roots bruised and boyled in the like manner, perform the same Office ; other Simples which are Medicinal, are the roots of Parsly, Fennel and Lovage, Angelica-roots, the Herbs of Chervil, Master-wort and Sage, perform the same : you may use them at your Discretion.

If this do not the deed, you must let them Blood in the Legs.

C A U T I O N S.

Caut. 1. Give not any of those to any that is with Child, lest you turn Murtherers, wilful Murth'x seldom goes unpunished in this World, never in that to come.

2. Give your Medicines a little before the Full Moon, or between the New and full Moon, for then blood encreaseth, but never in the Wane of the Moon ; for if you do, you had as good give them to an Oak. The Moon hath great influence upon all Elementary bodies, but more upon Women than Men, because they are of her own Sex.

3. Let the Patient use much Exercise.

4. If the Body be troubled with evil humours, let them be purged out. The third Chapter will instruct you how.

5. Sometimes

5. Sometimes (though but seldom) they are stopped through fulness. This is known by vehement Pains about their Reins, their Veins are swollen, and they are such People as live idly, and abound in blood.

Such must be cured by bleeding in the Arm, for fulness causeth distention or stretching, and distention hinders extramission: And bleeding in the Foot makes the distention greater, as was well noted by Dr. *Riverius*, Physician to the French King.

But let this be done with good Advice, and great Wariness.

CHAP. II.

Of the Overflowing of the Menstrua's.

1. **THEY** are said to overflow, when they continue longer than their usual time; their usual time of continuance is two or three Days; in some Women that give themselves to no Exercise, four or five Days.

2. When they come oftner than the Legitimate time. Their Legitimate time is, the time that the *Moon* Travels through the twelve Signs of the *Zodiac*, that is Twenty Seven Days, some odd Hours, and odd Minutes.

It is caused.

- Cause.*
1. By Rupture of some Vessel.
 2. By immoderate Purgation.
 3. By some concurring Humour.
 4. By hard Labour in Child-bed, or unkind handling in it.

Signs. If the Vessels be broken, the blood gusheth abundantly in heaps.

If some gnawing Humour, they are not much in quantity, but come with much Pain.

The other are easily to be known.

Caution. Such Women as are subject to this Disease, suffer Abortion upon every slight occasion.

Let them abstain from Exercise and moving as much as may be, and from all cold Drinks.

Because

Because this Disease weakens the Womb much, strengthen it as you are taught in the Chapter before.

And here I confess I differ from all Physicians that ever wrote, for they all unanimously hold that the Disease is first to be cured before the Part grieved be strengthened; whereas I counsel to strengthen the Part first, that so Nature may be able to help on this Cure; the Work will be better and sooner done with Nature's help than without. Having first strengthened the Womb, proceed to the Cure thus;

Cure. 1. Anoint the Reins of the Back with Oyl of Roses, Oyl of Myrtle, or Oyl of Quinces, which you please. I suppose the last mentioned to be the best; do thus every Night, and when you have so done, wrap a piece of white Bays about your Reins, the Cotton side next your skin, and keep the same Bays always to it.

2. To inject the Juice of Plantane into the Womb, is an admirable Remedy.

3. Sage, the roots of Distort and Tormentil, Cinquefoyle, Knotgrafs, Comfry, Sannicle, Ladies Mantle, Golden Rod, Loostrife, Meadsweet, Archangel (that blasphemous Name our Physicians give dead Nettles) Mouse-ear, Solomon's Seal, Purslane, Sorrel, Red-Beets, Shepperd's-curse, Red-Roses, Acorn-cups, the bark of Oak-Trees, Red-Coral, Mastich, are Medicinal, boiled in your ordinary Drink.

I could wish from my Heart you knew all these Herbs; you cannot expect I should travel all over the Nation to teach you; you see what ignorance the Learned College of Physicians hath trained you up in; instruct you one another as well as you can, know that you were not born for yourselves alone, and I will do what I can to instruct you in the knowledge of the Herbs before I am half a Year Older.

4. Above all, I commend this Medicine to you: Take of comfry Leaves, or Roots, and clovers Wound-wort, of each an handful, boil them well (being first bruised) in Ale; and drink a good draught of it now and then; this (with the Blessing of God) will help you, tho' the Mouth, of the Vessels be ben.

5. Take Cinnamon, Cassia Lignea, Opium, of each two drams; Myrrh, White Pepper, Galbanum, of each one dram: Dissolve the

the Gum and Opium in White wine, beat the rest to Powder; then make them into Pills by mixing of them together exactly, and let the Party Diseased take two Pills every Night going to Bed; let not both Pills contain above the Weight of fifteen Grains.

C H A P. III.

Of the Flux of the Womb.

Descrip- **FLUX** of the Womb is a continual Distillation from *tion.* that part of the body for a long time together, Nature carrying out the Excrement that way which should be voided some other way.

The Form and Colour of what is voided, shews what humour offends, (if I had written to Scholars, I would have said the peccant humour) for,

In some it is Red, like putrified Blood, and that *Cause.* proceeds from blood putrified.

In some it is white and pale, and that proceeds from Flegm.

In some Yellowish, and that signifies Choler.

If pure blood come on, if a Vein were opened, either some Corrosion or Gnawing of the Womb is to be feared, or else some Laceration or tearing in her last Delivery, and it is to be feared the Midwife acted not her part either like an honest, or like a knowing Woman.

All of them are known by these Signs: The *Signs.* place of Conception is continually moist with the Humours, the Face is ill coloured, she distasteth and abhorreth her Meat, breathes difficulty, the Eyes are swollen, sometimes with pain, sometimes without.

The Cure is different as the Cause; For,

If pure Blood come out, you must let blood in *Cure.* the Arm in the first Place, and the Cephalick or Head Vein is the fittest; for unless you draw back the Blood, you can never stop it, as you must Pump out the Water of a Ship before you can stop the Leak.

Then use the latter Medicines in the last Chapter, made of Comfry-roots and Wound-wort,

The

The Juice of Plantain injected into the Womb is good ; and if you add the Juice of Comfrey to it, it were better. I have taught you how to keep these Juices all the Year in my *English Physician Enlarged*, the last Edition.

If Flegm be the cause, let Cinnamon be a Spice used in all her Meats and Drinks, and let her use her body to hot Antidotes, as Venice-Treacle, Mithridate, &c. to take a little every Morning.

Let her take of Costmary, Agrimony, the bark of common Elder, Dwarf Elder, Caraway-Seed bruised, Liquorish, of each a handful ; which boiled in a pottle of White-wine (or for want of it Rhenish Wine) to a Quart, drink half a Pint of it every Morning, adding half a dozen drops of Spirit of Castoreum to it, and an Ounce of Syrup of Roses with Agarick.

Let her boil Burnet, Mugwort, Fetherfew and Vervain in all her broths.

Let her, if she please, purge her body with Pills of Amber (you may find them, and the way how to make them, in my last Edition of the *London Dispensatory*) she may take a Scruple at Night going to bed, they will not work till next Day, and use this divers Nights.

Half a dram of Myrrh taken every Morning, is an excellent Remedy for this Infirmary.

If it come of Choler, let them take Borrage, Bugloss, Red Roses, Endive and Succory Roots, Lettice, White Poppy-Seeds, of each a Handful. Boil them in White Vine, from a Pottle to a Quart ; let her drink half a Pint every Morning, to which half Pint add Syrup of Peach Flowers, and Syrup of Cichory with Rubarb, of each an Ounce. It will gently purge her, you may find the way how to make them in my last Edition of the *London Dispensatory*.

After the use of this some Mornings, let her take the powder of Ivory and Mistletoe of the Oak, of each one scruple, mix'd with half an Ounce of Conserve of Roses, every Morning for a Week together (I never knew any author could give a reason why Mistletoe, of the Oak, should be better than any other Mistletoe, neither do I believe it is.)

Lastly, If it comes of putrified Blood, having first let blood in the Foot, strengthen the Womb as you were taught before.

I know all Writers hold Melancholy to be one cause of this evil, but I am of a contrary Opinion, unless (as many do) they take the adust Choler and adust Blood to be Melancholy, for Melancholy is altogether retentive, and how can that cause Expulsion?

I shall conclude this Chapter with three general Rules, make much of them.

1. Let the Patient forbear violent Motions, Passions and Perturbations of Mind.

2. Let them forbear all sharp and salt Meats, and such things as provoke Urine.

3. Of dead Nettles (which our Blasphemous Physicians call *Arch-Angels*, whereas the word *Michael*, who is the *Arch-Angel*, signifies as God) there are three sorts, White, Red and Yellow, viz. their Flowers are of that Colour; the White-Flowers help the White, the Red help the Red, and the Yellow the Yellow Flux in Women. You may use them which way you please.

To cure all Diseases read my *Platerus*, *Sennertus*, *Riverius*, *Ridlanus*, *Bartholinus*, *Jobnston*, *Vestlingius*, &c.

C H A P. IV.

Of the Falling out of the Womb.

Descrip- THE Womb is said to be fallen out when it is fo
tion. turn'd down that it sticks out, for it is never clo-
sed from its Ligament.

Cause. It may be caused by some Fall, by a Blow, by Overlifting, by vehement Trouble of Mind, by sore Labour in Child-birth, by unskilful drawing out the Child, especially if it be Dead, or of the After-birth, by *Mother Careless* when she turns Midwife.

The Disease is obvious to the Eye, and that is
Signs. Sign enough.

Cause. The vulgar way of Cure is to put it in again with a hot Cloth, and there it will stay as long as a Cat tied to a Pudding; and if it be swell'd that it will not up-
bathe

bathe it with a Decoction of Mallows, Linseed and Fenu-greek-seed boiled in Water; and if this do it not the first time, use it the second; and when you have got it up, let the Woman lie with her Legs close together; for fear she should not, tie them together with a swathing Band; they should stop it with a Cork, and tie a Bladder over it also.

Let her use Odoriferous things to her Nose; such be Civit, Galbanum, *Sytrax Calamitis*, Wood of Aloes, &c. let her apply stinking things to her Womb, such be *Assa-foetida* Oil of Amber, the smoak of her own Hair being burnt.

This is most certain, that the Womb flies from all stinking things, and applies to all sweet Things, therefore these are good; as also to apply a Plaister called *Hystericum* (you may find in my last Edition of the *Dispensatory*) to the Belly, in the middle of which Plaister, place some Cotton, and upon the Cotton four or five Grains of Civet, and let the Civet lie just upon her Navel.

But my own Magnetic Cure is this:

Take a common Bur-leaf (you may keep them dry if you please all the Year) and apply to her Head, and that will draw the Womb upwards: In the Fits of the Mother, put it under the Soles of her Feet, and it will draw it downwards. Bur-seed beaten into Powder will do the like, they command the Womb which way you please, and by orderly usage will cure any Disease of it.

'Tis a Plant of *Venus*, and is best gathered when she is Angular and strong in her hour, and the Moon applying to her.

If it will not readily go up, by reason of Carelessness in not using the Remedy time enough; you may bathe it as you are told.

CH A P. V.

Of the Inflammation of the Womb.

THE Womb is inflamed by many Causes. Causes.

1. By a Blow.
2. By stopping of the Terms.
3. By Abortion.
4. By Ulceration.
5. By Immoderate Letchery.
6. By overmuch walking.
7. By Colds.

Signs. Its Companions are an acute Fever, pain in the Heads, especially about the hinder part or Root of the Eyes, Cramps in the Arms, Fingers and Neck; the Womb is vex'd with panting Pains: If all the Womb be inflam'd, it will be Pain'd all over; if but part, the Pain will be where the part inflam'd is; For, if the hinder Part be inflam'd the Back is strained most, and then they cannot go well to Stool, because the right Gut is pressed together; or if not so, 'tis distemper'd.

If the forepart be Inflamed there is pain about the Bladder, and the passage of Urine is hindred; they make Urine with difficulty, because the passage is on the Fore-part of the Womb.

If any of both sides be Inflamed, the Leg next the Inflamed side, moves but slowly and heavily.

If it be in the Neck of the Womb, the passage is close and burning hot.

Cure. For Cure, First strengthen the Womb, as you were taught before; for this may cure it by Sympathy. If you can do a thing by fair means, never attempt it by foul:

Endive and Succory-roots are commended by Authors in this Disease, being boiled in clarified Whey. But my own Directions are these few.

1. Clarifie your Whey, then boil Plantain Leaves or Roots in it, and drink it for your ordinary Drink. Then,
2. Inject the Juice of Plantain into the Womb with a Syringe: If it be in Winter, when you cannot get Juice, make a strong Decoction of the Leaves and Roots in Water, and inject that up with a Syringe, let it be but Blood-warm. This Medicine is worth a Thousand.

3. If the Body be Costive, use a Clyster.

4. Let them avoid movings of Body and Troubles of Mind.

I seldom prescribe Diets to Women, because they have gotten such a trick they will keep none; yet because it is very probable there are some wise Women (it were a hard case else) I shall intreat them to use a very slender Diet, and let it be of such Food as is cold and Moist. Barley Broth is an admirable Remedy for them; it were very well if they could

satisfy

satisfy themselves with it, and *Panada*. As for Drink, let them forbear all Wine and strong Beer, much more Strong-Water.

5. In all Inflammations especially if the Inflammation be great, Blood-letting is an excellent and admirable Cure, as also very speedy. In this case the best way, is to bleed them in the Ancles, because of the immediate passage between the Vein *Sephæna* and the Womb.

6. Outwardly apply to the Region of the Womb, Wool moistened in Vinegar of Roses.

7. If the Inflammation be near the neck of the Womb make a Pessary of Wool, dip it in Juice of Plantain, or Juice of Purslane, or Juice of Sengreen, and put it up the Privities.

C H A P. VI.

Of Windiness of the Womb.

THE Womb is sometimes afflicted by Wind, or puffed up; and this sometimes appeareth to the Eye of Sense, and sometimes it cannot be discerned but by the Eye of Reason.

Authors differ much in the Cause. and as much in the Cure; however, they say, the Signs are Swelling in the bottom of the Belly, pricking Pain in the Stomach, Back and Head, Distention of the Sides: And sometimes they say, Women feel wind coming out of their Privities, (if you will beleive them).

To tell you the truth, my Opinion is, that the Disease you call the *Fits of the Mother*, is nothing but a windiness of the Womb, which because it hinders not Conception that I know of, I have nothing to say to it at this time; however, if any Woman will not believe me, I cannot help it; 'tis but forbearing windy Meats, and taking such things as expel Wind, and strengthen their Womb, as they were taught before, and then it (together with Nature) helps itself.

As for moistness of the Womb, which many speak and write of, how the Womb when it is over-moist will not retain the Seed, the thing is very propable, but the very same with a Flux of Flegm, and to be cured the same way.

Of the Heat and Driness of the Womb.

THE Signs were shewn you before The Disease most incident to Women of a Cholerick Complexion.

As for Remedy, such Herbs as cool and moisten are very Medicinal, of which stinking Arrack (used as you have been taught before) seems to bear the Preheminence.

Neither are Plantain and Mallows much inferiour to it, used as before, especially Plantain.

Goats Milk often drunk with Honey or Sugar, is a very excellent Drink for Women troubled with this Disease; and if so, other Milk cannot be bad.

And many other Herbs are Medicinal for this Infirmary; all which or so many of them as you can get, you may boil with a Sheeps Head till you have boiled all to pieces, and use the Decoction either as Drink or in Pottage.

The Herbs are these, Vine-leaves, Willow-leaves, Endive, Succory both Rotts and Leaves, Violet-leaves Strawberry-leaves, Raisins of the Sun, Borrage, Bugloss, either Leaves or Flowers.

If you please, in such Decoction you may take ten or twenty Grains of Red Coral, mixed with as much Cinnamon. See my *English Physician* for this more at large.

If your Body need Purging, take such Medicines as Purge Choler, and without cool the Reins, or else you were as good do nothing. Of which Cassia Fistula newly drawn, seems to me to be the best: You may take an Ounce of it when you go to Bed. Never fear the following of your Business the next day.

Lastly, Appiy to your Navel a Cere-cloth, which you may find in my last Edition of the *London Dispensatory* called by Name *Ceratum Santalinum*. Other Remedies you may find in this Book more at large, to which I refer you.

I confess I could have prescribed many other Medicines, as other Authors have done before me, as Pessaries, Baths, Fomentations, &c. but these, if rightly used, are enough, for I write to help you, not to trouble you.

S E C T.

S E C T. III.

Of Barrenness against Nature.

IT is not one Physician's Opinion alone, that many Women are made Barren by Diabolical Meanes.

I do not call them Diabolical, because they cannot be acted without invocation of evil Spirits, but because they are done by abuse of Nature; for as the right use of Natural Things is from God, so the abuse of them is from the Devil. And so many unworthy Creatures are wont to serve Men and Women at the very time of their Marriage, that the Man can never (before it is remedied) have to do carnally with his Wife, which is all Publick Marriages are good for: Some, altho' the Scripture (that I know of) give no publick Rule for Marriages yet we all know Marriage is a civil thing; therefore ought more properly to belong to the civil Magistrate, than to the Clergy-Man; but the Clergy get Money by it, that's the Key of the Business.

However, to prevent such Mischief, Authors have left ways: As,

1. To carry St. *John's-Wort* about them which for that cause is called *Fugæ Dæmonum*, a driver away of Devils.
2. To carry a Loadstone about them.
3. A Plaister of St. *John's-Wort* laid to the Reins.
4. A whole Swill hung over the Bed.
5. The heart of a Turtle Dove carried about them. *Cure multis aliis.*

But suppose the Mischief be already done, and the Man cannot give his Wife due Benevolence, how may it be help'd? In this I will tell you no more than I have known tried. The Cure is easie, and was done by the Man only making Water thro' his Wife's Wedding Ring, so there was one Superstition helped another.

Such as would be skilful Physicians, let them read these Books of mine, viz. *Platerus, Sennertus, Riverius, Riolanus, Bartholinus, Johnson, Vestingius, Rulandus, Fernelius, Sanctör, Cele, &c.*

B O O K IV.

Of what hinders Conception.

I Shall deliver my mind in this,

1. *By way of ordering the Body.*
2. *By way of Medicine.*

And let each of these stand in a Section by itself.

S E C T. I.

How a Woman that would have Children should order her Body.

I F Women would be fruitful, let them give themselves to exercise. Idleness is hateful to God, and destructive to the Creation; and that's the reason such Women live idly (as most of our City Dames do) have so few Children, and those they have seldom live, but are troubl'd with insuperable Diseases till they die: Or if they live, they are so spoil'd by a pish Education, that they seldom come to good: Whereas poor Men and Women that labour hard, have many Children usually, and they are strong and lusty.

I shall (to please you good Women) give you a short Paraphrase upon both *Exercise* and *Rest*, yea, such a one, that if you mean to be wise, you may know what is most fitting for your own Bodies: But if you never intend to be wiser, you shall not blame me when you whine for lack of Children, or for the Death of those you had.

Exercise is either *Moderate* or *Immoderate*.

Moderate is neither too much, nor too Little.

Immoderate is either *Vehement* or *Excessive*.

Moderate Exercise.

1. Stirs up Natural Heat.
2. Quickens the Spirits.
3. Opens the Pores.
4. Wafts the Excrements of the third Digestion.
5. Makes the Body, Senses and Spirits strong, and that's the way to have strong Children.

6. Comforts

6. Comforts all the Limbs.

7. Helps Nature in all her Exercise, which Procreation of Children is none of the least.

Immoderate Exercise (which is a thing our City-Dames are utterly unacquainted with, unless it is *Exercise* their Tongues.)

1. Waits, Dries, Consumes, Wearies both Body and Spirits.

2. Hurts the Body in every part.

3. Overthrows Nature's Actions.

Rest is Moderate or Immoderate.

Moderate Rest.

1. Comforteth and refresheth Nature.

2. Recruits a Tired Brain.

3. Maintains Health

4. Strengthens both Body, Senses and Members.

Immoderate Rest or extream Idleness.

1. Dulls both Minds Senses and principal Instruments of the Body.

2. Causeth Crudities, evil Humours, evil Excrements, Cold, Sickness, infinite Infirmities, above half the Infirmities that accompany the Body of Man and Woman, and therefore it was nobly done of *Lycurgus* the *Spartan*, to compel every one to work four Hours in a Day.

It hastens old Age.

It causeth Deformity.

Hark, you Women, if you would be Young and Fair use yourselves to Labour.

And now, if you can find any of these accidents in your selves, you know both the *Cause* and the *Cure*.

Secondly, *Discontent* wonderfully hinders Conception, and *Content* furthers it as much.

1. I shall speak of *Content*, in which consider.

1. *Content of Mind* Dilates the Heart and Arteries whereby the vital Blood or Spirit is sufficiently distributed throughout the Body, and thence arise such affections as Pleasure, Re-creation and Refresh the Nature of Man, as Hope, Joy, Love, Gladness, Mirth, &c.

2. They Comfort and Strengthen not only the parts of the Body, but also the Operations and Imaginations of the Mind: For it is agreed upon by all Authors, yea, the truth it self

hath set its Seal to it, that the Imagination of the Mother operates most forcibly in the Conception of the Child. How much the better then were it for Women to lead *contented Lives*, that so their Imaginations may be pure and clear, that so their Conception may be well Formed, than to Vex Fret and Fume, Fling and Throw, Murmur and Repine, and fill their Minds full of distracting Cares and Fears, as an Egg is of Meat, making a Tumult in the Spirits, and bring all their Thoughts into such a Confusion, that they look more like Beasts than Women, so that if they could but see themselves, they could not but be ashamed, to see how like Anticks they are. The best Medicine I can prescribe them in this Disease, is this, that they would give their Mind often to read that excellent Book of Mr. *Jeremiah Burroughs* Entituled *Christian contentment*, where I am confident they shall find all their Objections answered; and a Women seldom wants Objections, if she do but look upon her Apron-strings.

As for Discontent, I shall give you my Judgment.

1. *As a Physician.*

2. *As a Divine.*

1. *As a Physician.*

1. It stirs up such affections in the Body as are Inimical both to Body and Mind, and therefore must need either kill or spoil the Child in the Womb: Such are Anger, Passion, Hatred, Fear for things to come, Fear for things past, Sorrow, Sighing and Grief of Mind. All these Corrupt the very Nourishment wherewith the Child is nourished in the Womb, and oftentimes kills the Fruit in the very Bud.

2. It diverts the vital Heat from the circumference to the Center, thereby consuming the vital Spirits, by which means they come very slowly, or not at all to the Child.

3. It Destroys, Overthrows, Murthers both Body Mind.

4. It hastens old Age and Death, by consuming the Radical Moisture.

2. *As a Divine.*

I beseech you to let my counsel be acceptable to you, consider what you do.

1. When you have been discontented twenty four Hours, you are never the wiser, never the nearer to the obtaining of what you desire; *Who by taking care can add a Hair's Breadth to his*

to his stature? And what a foolish thing it is to do your selves so great a mischief without the least hope of doing your selves the least good?

2. Discontent keeps you from the good you desire. You will not give your Children a thing while they cry, neither will God you, while you are Discontented.

3. It makes your Evil worse: Because others wrong you, you will wrong your selves; because you want temporal things, you will want Health also.

4. All things come by the Providence of God; and whatsoever Mans end be, his ends are always good, *Are not two Sparrows sold for a Farthing, and yet not one of them falls to the ground without your Father?* If God takes care for the Sparrows, one of which is worth but half a Farthing, will he not take care for you?

5. It shews your Spirits linked to the World, and not risen with Jesus Christ; for if Discontent for things of this World take up your Thoughts, tell me what of you is risen with Christ? *He that is risen with Christ, minds the things that are above.*

6. It shews you are little provided for Death; if you know you must leave the World, why are you Discontented that it leaves you?

7. You deny Eternity; for if you knew the World should be consumed, you would use it to tread upon, not to fill your Pockets with.

8. Your Interest in Christ is but little; *for where the Carcass is, thither will the Eagles gather together.*

9. How justly may God withdraw his Protection from such as cannot rest upon it without Discontented Hearts.

10. You put away your own comfort. All true comfort comes from the Holy Ghost *the Comforter*; and the Holy Ghost seldom or never rests upon a sad Soul. And therefore the Prophet *Elisba* called for Music to chear his Spirits before he was fit to receive the Spirit of God. Consider these things and you shall see what a folly and madness *Discontent* is.

That you have two Ways, or Means of Fruitfulness.

1. *Exercise of Body.*

2. *Content of Mind.*

I have but one more, and that is, *to preserve the Womb in a due decorum*. I note is here only, because People are very ignorant in Physic; The former Rules will help you if you would have Children, see that the Menstrua's come down in good order, the Colour of them will shew you what Humour offends; purge it out; the former Rules will direct you. I mean those in the last Book, in the Chapter, *Of Flux of the Womb*. If they come down Discoloured it shews ill Diet. If pure Blood comes down, be sure that Woman is very prone to conceive with Child.

To Cure all Diseases, read my *Platerus, Sennertus, Riverius, Riolanus, Bartholinus, Johnston, Vestingius, &c.*

S E C T. II.

Medicines for a Woman that would have Children.

THIS I shall deliver to you.

1. *By way of Caution,*

2. *By way of Precept.*

By way of Caution.

1. Use not the act of Copulation too often: Some say it makes the Womb slippery: I rather think it makes the Womb more willing to open than shut. Satiety gluts the Womb; and makes it unfit to do its Office, and that's the reason Whores have seldom Children: And also the reason why Women after long absence of their Husbands, when they come again, usually soon conceive.

2. Let the time be convenient; for fear of surprize hinders Conception.

3. Let it be after perfect digestion, let neither hunger nor drunkenness be upon the Man or Woman.

4. Let the desire of Copulation come Naturally, and not by Provocation, the greater the Woman's desire of Copulation is, the more subject is she to Conceive.

5. Women are more subject to Conceive a day or two after the Monthly Terms are stayed.

6. Avoid Eating, or Bearing about you all such things as cause Barrenness: Such be the Bones of a Stag's Heart, Emeralds, Sapphires, Ivie-Berries, Jet, Burnet-Leaves and Roots Harts, Tongue, Steel-Dust, Mints, &c.

7. *Apish*

7. Apish ways and manners of Copulation hinder Conception.

By way of Precept.

1. The Runnet of a Hare mixt with a little Cotton and put up into the Womb as Passary, and remaining there a Day, is an excellent Remedy: But let it be done presently upon the stopping of the Menstrua's and tied up in a Linnen Cloth, and a string tied to it, that so you draw it out again, else you will make mad work.

2. If the Woman's Body be too hot, letting Blood in the Vein *Saphena*, profiteth much. 1. Because it cools, 2. Because it cleanseth the Womb.

3. A Loadstone carried about the Woman, causeth not only Conception, but concord between Man and Wife.

4. The Heart of a Male Quail carried about the Man, and the Heart of a Female about the Woman, furthers Conception exceedingly, and causeth mutual Love.

5. The Root of Eringo, Piony and Satyrion, being eaten, cause Conception.

6. Exercise your Bodies before you take Counsel of the under Sheet; go to the School of *Mars* before you go to the School of *Venus*.

7. A Plaister of Labdanum spread upon Leather, and applied to the Region of the Womb, mightily disposeth it to Conception.

These Rules are excellent. I confess many other may be added in respect of *Food, Diet* and the like; for which take this general Rule, *All Creatures that are fruitful, being eaten, make those fruitful that eat them, as Crabs, Lobsters, Prauns, &c.*

Likewise the Ancients have left many ways. You may take them as Meats or Medicines; some of which are these:

1. Castoreum in Powder, take half a dram, or a scruple in Malmsey in the Morning.

2. The Womb of a Hare beaten to Powder, and taken in like Manner.

3. A scruple of Galangal taken every morning in Powder rid's the Body of such infirmities as cause Barrenness. Take White-Wine. And truly I believe for very moist Women there is scarce a better Remedy.

4. The Stones of a Fox dried and beaten to Powder, and a dram taken in the Morning in Sheep's Milk.

5. The Stones of a Boar used in the like manner.

6. The Brain of Sparrows and Pigeons eaten, and (for ought I know) you may eat Flesh and all, for they are very fruitful Creatures.

7. The Pizle of a Bull dried and grated to Powder, and a dram taken at a time.

8. To hold sweet things to the Place of Conception, before the act of Copulation, because they draw the Womb down; but after the act, to the Nose, to draw the *Matrix* up.

These, with many others, too tedious here to relate, have been quoted by Authors.

Such as would cure all Diseases, let them read these Books of mine, viz. *Platerus, Sennertus, Riverius, Riolanus, Bartholinus, Johnston, Veslingius. Rulandus, Sancter, Cole, &c.*

BOOK. V.

A Guide for Women in Conception.

SOME Women are so ignorant, they do not know when they are Conceived with Child, and others so coy they will not confess when they do know it, I shall labour to help the former. The latter if they will learn to be a little wiser, may help themselves.

I shall then divide this Book into these Chapters.

1. *Signs of a Woman conceived with Child.*

2. *Whether a Male or Female be conceived.*

3. *Conception of Twins, and the Reasons.*

Authors Confuted.

4. *Of imperfect Children.*

Authors Opinion.

My own.

CHAP.

C H A P. I.

Signs of Conception.

MAny are the ways Authors have left for Women to know whether they be with Child or not; which happens true in many Women; but not in all; some of which I shall quote, *viz.*

1. A coldness and chilness of the outward parts after Copulation, for the heat retires to make the Conception.
 2. The Belly waxeth very flat, because the Womb closeth it self together to nourish and cherish the seed.
 3. Wringing or Gripping Pains like Cramps happen in the Belly about the Navel.
 4. Loss of Appetite to Victuals, and four belchings, exceeding weakness of Stomach.
 5. Divers Appetites and Longings are ingendered.
 6. If cold Water be drunk, a coldness is left in the Breast.
 7. The Tops of the Nipples look redder than formerly.
 8. The Breasts begin to swell and wax hard, not without pain and foreness,
 9. The Veins of the Breasts are more clearly seen, than they were wont to be,
 10. The Veins of the Eyes are clearly seen, and the Eyes seem something discoloured, as a Looking glass will shew you: This is a good sign.
 11. The Body is weakned and the Face discoloured.
 12. The Excrements of the Guts are voided painfully, because the Womb swelling, thrusts the right Guts together.
- These be the Vulgar Rules, or at least the best of them.

Give me leave to deliver what I have known to be true, and never yet failed me,

1. If under the Eye the Vein be swelled, I mean under the lower Eye-lid, the Veins in the Eyes appearing clearly, and the Eye something discolour'd, if the Woman have not her Terms upon her at the time, nor watched the Night before, you may certainly conclude her to be with Child: And this appears most plainly just upon her Conception, and the first two Months. I have told many Women of it before they have been with Child a fortnight and never failed.

2. Stop

2. Stop the Urine of the Women close in a glass three days, and then strain it thro' a fine linnen cloth; if you shall find small living Creatures in it, she is most assuredly conceived with Child; for the Urine which was before part of her own Substance, will be generated as well as its Mistress.

3. Take a handsome green Nettle, and put it into the Urine of the Woman, cover it close, and let it remain in a Whole Night; if the Woman be with Child, it will be full of red spots on the Morrow; if not, it will be blackish.

And thus much for Prognosticks, whether a Woman be with Child or not.

CHAP. III.

Whether a Woman be conceived of a Male or of a Female.

Herein also I shall,

1. *Deliver you the Opinions of Authors.*

2. *What I have found to be true by Experiences.*

First, Authors give these to be signs of Conception of a Male.

1. The Woman when she riseth up from a Chair, or the like, doth sooner stay her self upon her right Hand than on the left.

2. The Belly lies rounder and higher than when it is a Female.

3. The Child is first felt to stir on the right side, because according to *Hippocrates*, the Male Children lie on the right side of the Womb.

4. The Woman breeds Boys easier and with less pain than Girls, and carries her burden not so heavily, but is more nimble in moving.

5. The right breast is more plump and harder than the left and the right Nipple redder.

6. The colour of the Woman is more clear, and not so swarthy as when she conceives a Girl.

The contrary of these are signs of Conception of a Female it were but loss of time and blotting of Paper to quote them.

These are some of the vulgar Rules, and the best of them; I never knew these fail.

1. If the

1. If the circle under the Woman's Eye, which is of a wan blew Colour, be more apparent under the right Eye, and the veins more apparent in her right, and that most discolour'd, she is with Child of a Boy; if the marks be most apparent in the left, judge her to be with Child of a Girl.

2. Let her milk a drop of her Milk into a Basen of fair Water, if it sinks to the Bottom as it drops in, round in a drop, it is a Girl she goes withal; for if it be a Boy, it will spread and swim at top; this I never new fail, tho' it be contrary to all Authors that I ever read.

CHAP. III.

Of the Conception of Twins.

Authors make some flutter about the conception of *Twins* and what the reason should be; as also how many children a Woman might naturally have at one Birth.

The Ancients held a Woman might naturally have seven, three *Boys*, and three *Girls*, and one *Hermaphrodite*; and their Opinion was grounded upon another as Childish (for one Error ushers in another) because they conceived a Woman had seven cells in her Womb, but long since Anotomists beginning to grow pretty perfect in their manual Operation, having found out that the Womb had but one Cell, this ridiculous Opinion was quickly exploded.

Others hold a Woman can naturally have but two Children, and their Reason is, because she hath but two Breasts: I know no Reason but why they may as well hold a Woman can go but two Miles, because she hath but two Legs. We know well enough, that whatsoever is against Nature, is miraculous: And we know as well that 'tis no Miracle for a Woman to have three Children at one Birth.

In *Ægypt* many times Women have five or six Children at one Birth; the reason is supposed to be the Fruitfulness of the Place, and if so (as is propable) then let Women that would be fruitful, live in fruitful Places.

Aristotle quotes a Woman that brought fourth twenty perfect Children at four Births.

- *Tragus*

Tragus tells a Story of another in *Ægipt* that had sever Children at one Birth.

All this is nothing to what *Albertus Magnus* talks of for he tells of one Woman who had twenty-two perfect Children in her Womb at one time, and miscarried of them all; and of another who had an hundred and fifty at once, all as big as a Man's little Finger.

Besides, they say in a Monastery in *Holland*, there remains a Tomb of one *Margaret*, a Countess of *Holstead*, who had three hundred fifty four living Infants born at a Birth; and all Christen'd. I urge no Man or Woman's Faith to believe these things: But come,

First, *To the Cause of Conception of Twins, or more Children than one at once.*

Secondly, *Whether Twins be Conceived at one and the same Time.*

1. The Cause why Twins are Conceived.

Herein Authors are Various:

Avicenna and *Haly Abbas*, held the Cause to divers Cells in the Womb: but that as I told you, hath long since been found out as false, as what is falsest.

Empedocles, attributes it to the plenty of Seed, which is able to procreate more than one.

Esclepiades, to the strength of the Seed by the same reason.

Ptolemy, to the Position of the Stars, at the time of Copulation.

2. About the second, which is the greater Question of the two, Authors differ much.

Some of the Ancients, and almost all modern Writers hold them to be conceived at one and the same act of Copulation; the Seed not being ejaculated out all at once. is divided in the Womb, and so more than one Child conceived. This though it seems something plausible, yet it will not hold Water.

Another Reason they give is, because the Womb having received the Seed, shuts so close that it cannot give intermission to any more Seed; and this is as weak as the other. For answer to the first.

The beginning of the Conception is not the casting of the Seed into the Womb; for then a Woman must needs conceive every time she hath carnally to do with her Husband; but the Exquisite mixture of the Seed of both Sexes, is the
very

very beginning and cause of Conception, and that the Womb having but one Cell, can exquisitely mix Seed in two Places in that Work closing it self so close, that no *vacuum* is left, is incredible. To the second I answer.

The Womb shuts not so close, but what Seed is superfluous, hath a Place to be let out.

2. It is the Delights of *Venus* that opens the Womb at all times, for it opens the Muscles, therefore voluntarily; and why can it not open the Womb at one time as well as at another?

3. Neither do all Authors agree, that Twins are conceived at one and the same time, for *Erasistratus* a famous Physician, and all the *Stoic Philosophers*, were of my Opinion, viz. that they are conceived at divers times.

4. All things are brought to pass by a due Limitation of time; and two Children conceived at once, must needs be born at once, which is impossible; he that would know more of this, let them but Peruse the *Trutina* of *Hermes*, one of the wisest of Men and let him but understand what he reads, and it is possible he may tell you (having the Nativities of both Twins) the very Hour and Minute when they were Conceived. Let no *Astrologer* object to me, that the *Trutina* of *Hermes* is not exact to a Minute; but let them know, that if there be a Truth in it to a Sign ascending, there must needs be a Truth to a Degree, and Minute, and Second; for Truth comes to a Punct, and the Failing man be in their non-understanding of him.

5. All Authors hold a kind of strange thing they call *Superfoetation*, in Women: *Superfoetation*, as the Word signifies, is a Woman's Conceiving of a second Child, after she has conceived of the first.

Authors are very frequent in Proof of this, and some such have been known in *London*.

I shall let pass what Poets say of *Alemena's* bringing forth *Hercules* and *Iphyclus*, one at the end of the seventh, the other at the end of the tenth Month (they that wou'd read it, may find it in *Plautus* his first Play, *Amphytrio*;) and come to the relation of more sober Authors, and such as are *side digniores*.

Hippocrates writes of a Woman of *Larissa*, who brought forth two living and perfect Children, forty Days distant the one from the other.

Aristotle,

Aristotle, de Historia Animalium, abounds in Examples ; and some of the Births were two Months distant.

Rhasis and *Avicenna* hold, That all Women that have their Terms, during the Time of their Going with Child, are subject to conceive again.

Pliny gives divers Examples of it, *Dodonæus* in his Observations, many more. And the like you may read in *Laurentius*.

Thus then you see by this Argument, That 'tis possible for a Woman to perfect a second Conception after she is conceived at the first ; and if so long after, as Authors say, then much more likely sooner, before the Womb is filled with the growth of the first. But to make the matter beyond all dispute, whereas our Translation saith, *Gen. 42. And she conceived AGAIN and bare his Brother Abel* : Those that have Skill in the Original know, that it should be translated, *She Conceived upon Conception, and bare his Brother Abel*. Let this put an end to the Dispute.

And then, if the *Trutina* of *Hermes*, be true, (I have heard many cavil at it, but never any disprove it, nor bring a bit of wise Reason against it) there you may find a reason why two Children may be conceived at a month's distance, and yet born in one Day ; and if two Children, lying in the same Womb at the same time, be at any time conceived at twice, is it most propable they are so always ? However, this is apparent, that by Testimony of all Authors, yea by the Judgment of that prudent Physician Dr. *REASON*, a Woman may miscarry of one Twin, and yet go out her whole time with the other, as *Hippocrates* quotes in his Book, *De Natura Puer*. Nay, both *Aristotle* and he, quote Women who brought forth two Children at one Birth, and a third fifteen weeks after : Then it follows, that they are little better than Murderers, who force away the second Child the first being born before 'tis time ; especially, if the flux of Blood be not great nor signs of Labour appear.

Women desire the Act of Copulation after they have Conceived, when Beasts do not.

Poppeæ the Daughter of *Agrippa* the Roman, a wanton Lais, being asked the Question : Why Beasts did not desire it as well as Women ? Answered, because they are Beasts.

The

The Answer was acute 'tis confess, and acuter, because not re-meditated, and our own Writers give no wiser ; for they say 'tis a Prerogative and Virtue God hath only given to Woman. Alas, poor Fools. that make a Vertue, of a Vice. The very truth is, the Curse of God for *Adam's* first Sin lies more heavily upon Man than it doth upon Beasts, and Lust is a greater part of this Curse ; and the Propagation of many Children at once, an Effect of that Intemperancy : and that I suppose to be *Hippocrates* his Reason of forbidding copulation to Women with Child. For my own part, far be from me to forbid it ; for I know well enough the Nature of Men are so vicious, that he must have to do with his Wife, or some other Body else in that time, or do that which is worse than either. However, hereby you see the Fruits of original Sin, and what Cause you have to be humbled in the presence of God for it, and require his Assistance against the wretched Effects it produceth.

C H A P. IV.

Of the Imperfect Children.

MANY are the Forms which Authors have left to Posterity, of Monstruous Births ; some altered in respect of Sex, as *Hermaphrodites*, in Form as Bestial, some double-bodied, some maimed, and many others which would do me no good to write of, and you as little to read it.

Authors differ much in this Cause.

The *Divine* refers it to the Judgment of God alone, which is true without the help of Nature, then is every Monster a Miracle.

Astrologers, they refer it to the Stars, and the Position of the Moon in deficient degrees, at the time of Conception.

I cannot close with any of both these, neither altogether with a third, which are more propable, although perhaps the Judgment of *Astrologers* may concur.

Some hold the Imagination of the Women to be a great Cause, by beholding either such Monsters or such Pictures ; and that's the Reason, they say, that they are so frequent in *Agypt*. So also you may read of one that brought forth a

Black-

Black-more, the Woman beholding the Picture of a Black-more hanging in her Chamber. And of a Woman at *Pisa*, that brought forth a Child full of Hair like a Camel, because she was so superstitiously wise to kneel every Day to the Picture of *John the Baptist* cloathed in Camels Hair. Also I my self know a Woman, this Day living, that in the time of her Conception, fixing her Eyes and Mind much upon a Boy with two Thumbs on each Hand, sitting at Dinner by her, brought forth a Boy with as many. This I say may be the Cause of some Deformity.

But the greatest Cause of Womens bringing forth Children imperfect, or mutilated, or crook-back'd, or with Issues or Leprosy, &c. I take to be, because Act of Copulation was done at that time when the Woman had her *Menstrua's* upon her. It was not for nothing God himself forbade a Man not to touch a Woman at such a time; and from such corrupt beginnings usually little good proceeds. Although the Grace of God is free, and lays hold on whomsoever he pleaseth, yet usually (I do not say always) such as are perverse in mind and manners as in Body, *Cavendum ab eis quos Deus notavit* (saith the *Latin Proverb*) beware of such whom God hath mark'd.

As for such as are born Monsters you must pardon me if I make a question whether they were conceived by some Beast or not; for a Woman may conceive by the Seed of a Beast because it is by Nature fruitful, but there will be a Monster born, not a Man.

Let them that would be learned Philosophers, read these Books of mine, viz. *Platerus, Sennertus, Riverius, Riolutus, Bartholinus, Johnston, Vestingius, Rulandus, Sancttor, &c.*

B O O K. VI.

Of Miscarriage in Women.

WOMEN are most subject to suffer Abortion or Miscarriage in the two first Months of their Conception, because then the Ligaments are weak, and soon broken; and towards the latter end of her time, because then the Womb is so full, that it cannot shut close, and withal the Child heavy.

Moreover Many if not most Women, are subject to be delivered at the end of seven Months, because of the compleat-
ness

ness of the time. Seven being a Note of Perfection, and therefore the Scripture faith of our Lord *Jesus Christ*, that *he sprinkled the Altar with his Blood SEVEN Times*, and all Things were perfected the *Seventh Day*. The *Pythagorians* called it, *The Knot or Tie of Man's Life*. And so doth *Tully* in *Somnio Scipionis*: And *Hippocrates*, *Lib. de Principiis*, faith *Man's Life consisteth of the Number of SEVEN*. And we all know every *Seventh Year* compleateth the *Alfridary* of the Nativity, I could fill two or three Sheets of Paper with Proof of it, but enough.

I shall here confine my Pen,

1. *To the Signs of Miscarriage.*
2. *To the Cause.*
3. *To the Cure of it.*
4. *A Word or two of Women's Longing.*
5. *Of Children with Hair-lips.*

C H A P. I.

Of the Signs of Miscarriage.

AS for Signs of Miscarriage, they are easily known by every Woman with Child, and therefore almost needless to rehearse. As,

1. The Child displaced and fallen down low toward the Mouth of the Womb.

2. The Courses appearing blackish in Colour, much in Quantity; for throught many Woman have them after they are breeding, yet they are pale in Colour, and they always shew ill Diet Nature rejecting them as not being fit for the Nourishment of the Child; but if they come with blackish Pains and throws especially the Woman being far gone with Child, they signify Abortion.

3. When the Breasts, which before were round and full, wax lank, and sag down, for the most part Abortion follows, *Hippocrates* faith (but whether or truly or no, I know not) That if a Woman goeth with two Children, a Male and a Female, if the right Breast fall, she loseth her Male Child; if her left, her Female.

4. If in dangerous Sicknes a Woman fall in Labour, she usually dies and the Child also.

5. Redness

5. Redness of the Face, trembling of the Body, Palpitations in the Head, Paines in the inner parts of the Eyes, if the Terms come down at the same time, and the Body be troubled with Wind, they are held to foreshew Miscarriages.

But because all Things are better known by an Argument *a Priory*, than an Argument *a Posteriore*; by the Cause, and what goes before, than by what follow after, we come to the Cause.

C H A P. II.

Of the Cause of Abortion.

TH E ordinary Cause of Abortion are these.

1. A Weakness or Corruption of the Womb, when it is weakened or offended by viscid, slimy or slippery, phlegmatick or watery Humours, that so it cannot retain the Fruit received.

2. Aposthumes or Inflammations of the Womb, hinders it through Pain, that it cannot perform his Office.

3. Being extremely bound in Body, in forcing to Stool forceth the Child down, which was before much oppressed by the right Gut, being filled with hard Dung, therefore *Hippocrates* saith the Disease *Tenesmus* coming upon a Woman with Child commonly causeth abortion. *Tenesmus* is a Disease when People have great provocation to Stool, yet can do nothing.

4. The Hæmorrhoids or piles many times cause Miscarriage.

5. For Women are subject to Miscarry, by Reason of the slipperiness of their Wombs; and very lean Women, for want of Nourishment for the Child in it.

6. Bleeding in the time she goes with Child.

7. Strong Purges are very bad, but Vomits worse.

8. Great Colds and Heats, a Bath and a Hot-House, favour not the Child in the Womb; for they heat it so, that it labours to come out where 'tis cooler.

9. Hunger starves the Child in the Womb; surfeiting by much Meat or Drink strangle it.

10. Outwardly it may be done many ways, as by Falls, Blows, Anger, Fear, Sorrow, Running, Leaping, Liftings, immoderate Exercise, &c.

C H A P.

C H A P. III.

Of preventing Miscarriages.

THE Cure of *Abortion* is various, not only according to the Cause, but also according to the time, whether before or after Conception; and indeed the surest Remedy is to prevent it even before the Child be conceived.

I shall then divide my Rules into two Parts, *viz.* what is to be done.

- | | |
|-----------|---------------|
| 1. Before | } Conception. |
| 2. After | |

Before Conception. 1. Let her strengthen her Body and let her take such Medicines as strengthen her Womb first, and such as further Conception afterwards; you have enough of them before. Also let her drink Wine wherein Mother of Thyme hath been well boiled; for this is excellent for this use.

2. Either Windiness, or Moistness, or Dryness of the Womb must be the cause of it.

If Windiness, there's no better Remedy under the Moon than eating half a score of Juniper-Berries every Morning.

If Moisture, let her sweat in a Hot-house, and use her Body to Exercise, and take half a Dram of Galangal in Powder, mixed in as much Cinnamon, every Morning in Muscadell.

If dryness of the Womb be the Cause, as many times the Womb wanting Moisture to sustain the Child is many times the cause of Barrenness; and because it was but briefly handled before, I shall be large in it here.

It is most incident to young flourishing Women, and such as are cholerick of Complexion, and is known by exceeding Toneness to Venerly.

It is cured by cold Emulsions made of Barley-water, wherein mix the Seeds of white Poppies, Almonds blanch'd, the Seeds of Cucumbers (or Cowcumbers as the Vulgar call them) of Melons, Gourds and Citruls, of each half an Ounce, and drink it for their ordinary Drink.

Let her avoid all violent Motion, drinking Wine or Strong Water.

Let her anoint the Reins of her Back with Oil of Nightshade.

Also the Seeds of Mandrakes are said to purge a foul, cold a hot, and moisten a dry Womb; and therefore some think

think *Rachel*, Gen. 20. desired them, as knowing the heat and drying of the Body, was the Cause of her Barrenness. And I am the rather induced to beleive such a thing may be true, because such infirmities are most usual to People of fair Complexion. You may take half a Dram at a time bruised in a little White-wine, neither need you fear the coldness of them; for the Seeds are nothing so cold as the Herb, because they contain in them a vital Spirit, that so they may be able to beget their like, which must needs be hot, because all Generation is perform by Heat, not by Coldness.

Thus much for preventing Miscarriage before Conception.

After Conception, which is the second thing I promised, I shall declare to you what hitherto hath been hid from your Eyes.

1. Let a Woman with Child drink a draught of Sage-Ale every Morning; it will do her more good than she is aware of. Let no Man object that Sage provokes Worms, and therefore is more probable to cause Mischiefs, than prevent it; for indeed and in truth, one and the same Medicine by strengthening the part afflicted may bring forth contrary Effects; and therefore Cinnamon though it binds in a Looseness, yet it provokes the Terms when they were stopped, and stops them when they flow down immediately; nay, I have known *Aurum Potabile* stop the Bloody-flux in one, and, give another, whose Body was cacochymical, many Stools.

2. If Signs of Abortion appear, the usual way is to lay a Toast sopt in Muskadel to her Navel, and many times it doth good, for it is a good Medicine. But to take a little Garden Tanfie, and having bruised it, sprinkle it with Muskadel, and apply that to the Navel, is far better.

Also Tanfie put in Ale, as you make Sage-Ale, (I know not how to teach you being no *Brewer*) and a Draught drunk every Morning, is a sovereign Remedy for such Women as are subject to miscarry.

Also I would advise Midwives always to keep a Syrup by them, made with the Juice of Tanfie, clarified and boiled into a Syrup, with twice its Weight in Sugar, that so they may have it in readiness to give a Spoonful or two of it in such Cases. It is a most excellent Medicine, though it be *College Warm-eaten Dispensatory*; for the Herb by a Magnetic Virtue

Virtue draws the Child in the Womb any way, or retains it in its proper Place. The Herb is common to be had, and will save many a Child's Life, and its Mothers also, if used according to these and other Directions that you shall read before you have read the Book through.

3. There is a Stone they call *Lapis Ætites*, and by some *Lapis Pregnans*, or a Stone with Child; I am informed that there are many of them to be had now in *London*. I shall first describe them, secondly teach you their Use.

1. Of these Stones are four Sorts.

The best comes from *Afric*, and is found in an *Eagle's-Nest*; for they say, the *Eagle* cannot lay her Eggs without them. It is very little, and easily beaten to Powder: It hath another little one within it; which if you shake it you may perceive to rattle, and therefore 'tis called the Stone with Child. This is thought to be the Female: And some (and they no small Fools neither) think there is no Sex in Stones; I cannot stand to dispute the point now, though I hold a Sex both in Stone and Trees.

The Second which they call the Male, comes from *Arabia*, and hath another hard Stone within it, itself being hard like a Gaul, and difficult to beat to Powder, and is of a reddish Colour.

The Third comes from *Cyprus*, and is like that which comes from *Afric*, but only bigger, having Sand and little Stones within it.

The Fourth is called *Taphinsus*, from the Place whence it comes. It is found in Rivers, Colour White, in form Round, and hath another Stone within it. This is accounted the worst of all; but as in some things the best is bad; so in this the worst is very good.

2. For its Use.

This Stone being hung about the Neck of a Woman with Child, so that it touch the Skin, preserves the Child in her Body, till the time of her Delivery come: Experience shall prove my Words to be very true; and when you find them so.

1. Give Glory and Praise to God for it.

2. Admire at his wonderful Work in his Creatures.

3. Know that great is the Ignorance the first Sin of *Adam*, hath involved Mankind in, that we cannot now exactly know

the Vertues of his Creatures, as he in his Innocency did, appears by his giving them Names according to their Natures.

4. If God begin to manifest himself to you in teaching you Knowledge, be thankful for it, and know that if the Day break then the Sun will rise.

I think its needless to forwarn Women of such things as cause Miscarriage- or tell weak Women they must eat good Victuals, for out of Question they will do it if they can get it; I never knew any behind-hand in that. I wish from my Heart our State would but be so happy to take such a Course that Women in that Case might not want, which they might easily do, and it would make them dear in the Eyes of God, and the Nation. Besides, The more Childrens Lives are preserved, the more Soldiers will be had when they are needed. And let rich People know, and say I told them of it, that for their poor Neighbours with Child that lack Necessaries, or what (happily) they have a Mind to, they being able to relieve them, and not doing of it, shall by the great God of Heaven and Earth, be required another Day at their hands; I have freely in the Presence of God, herein discharged my own Duty, without flattering any Body; whoever fails in Duty herein, I cannot help it: I hereby in the Presence of God, acquit my self from the answering for the Blood of those that are lost this way; rich Women are but Women, look to your selves, Blood hath learned the trick to cry for vengeance ever since *Abel's* Days.

C H A P. IV.

Of Womens Longings.

AS an Appendix to this Book, give me leave to speak a Word or two of Womens Longings or Lustings, which is incident to many, if not most Women in time of their going with Child; and it comes fittest into this Place, because many times it causeth Miscarriage; and in this I can quote but my own Opinion (yet that you shall not find too light, if you will be pleased but to weigh it in the Ballance of Reason) for all the Authors that ever I read, or could get, have spoken of it, *aut nequicquam, aut nequam*, either not at all, or to no Purpose.

The Causes of it I conceive to be one of these two.

1. *Physical.*

2. *Prognostical*

1. *Physical;*

1. *Physical?* That you may understand, this I pray take notice that the Omnipotent and only wise God having made this World of a composition of Elements, ordered it not only to maintain it self, but also to increase and multiply in a natural way, which is that we call *Physical*; for *ἐνδὲς* in Greek, is *Nature*; and this is that we call the universal Providence of God (for his particular Providence to those whom he hath united to himself by the Person of Jesus Christ is another thing.) The Universal Providence I take to be that which the Sons of Wisdom call NATURE, and she is placed by the most high God, as *Viceroy* over the whole World, and therefore as wisely as she can puts off every Hindrance that is an Obstacle to her Work, in Man's begetting his like; she is the Princess of Physicians. And though our College is little, or not at all acquainted with her, Wisdom hath commanded all her Children to be obedient to her.

Physically we conclude. That Excess in things which Philosophers call *not Natural*, to be the Cause of Women's Longings.

Things *not Natural* are

1. *Meat and Drink*
2. *Sleeping und Watchings.*
3. *Fulness and Emptiness.*
4. *Exercise and Rest*
5. *Affections of the Mind.*

Exercise in these, corrupt the things that are Natural, of which one great one is to beget its like (I shall, God assisting me instruct you in these to the full, in a Treatise which hereafter I intend, *viz. how to preserve your Bodies in Health.*)

Well then if the Body of the Woman be thus disturbed, of Necessity the Child within her must be disturbed also; therefore Nature as the Artificer calls for such Food as must make fitting Blood for the Nourishment or encrease of the Child. Your Child is nourished by your own Blood, your Blood is bred by your Diet, rectified or marred by your Exercise, Idleness, Sleep or Whatching, &c. nature sees and knows how to swerve from what is fitting, she calls, and calls like a Work-woman for what is requisite either to make up what you want; or to remedy what you have done amiss by breeding a Nourishment for the Child within you, contrary to what Diet or Things are not natural; you have

formerly kept, or to supply your Conception wherein you have been wanting to it; she is a Mistress worth ten of the College of Physicians: I assure you, I have some Communication with Dr *REASON*, one (in my Opinion) of the wisest Men, and he told me, it must needs be as I say, and proved it to me thus: Those who live idly (as the Gentry and Citizens Wives, that seldom use their Bodies to any Exercise, unless it be playing with their Dogs) and keep not good Diet are most pestered with such Longings; Women of good Diet (if there be any such) and such as mind their Business and use Exercise, are least troubled with them; I hope no Women are so proud as not to be ruled by reason nor so simple but will confess *Nature* to be a better Work-woman than themselves. This is my *Physical Reason*.

My *Prognostical* reason is this.

The Wisdom Almighty God has given to *Nature* is such that it knows before-hand what the Fruit conceived will come to, and many times this way gives warning of it, that so Parents may have time enough if they have but wit enough (for *Nature* cannot endure Fools) either to prevent or provide for it.

For Example:

1. Many times Women with Child long for things not accustomed to be eaten, as Dirt, Sand, &c. their Children, then seldom live long Why should such Parents fix their Affections so strongly upon such a Child, which *Dame Nature* told them would not live before it was born, and how much causeless Sorrow might have been avoided this Day?

2. Many Women with Child have a Mind to steal things; why may not *Nature* certify the Parents hereby that the Childs Inclination will be Thieving? And how ought they to pray to God, for their Children, to deliver them from such an evil; as also to give them good Education? for good breeding many times make Men avoid those Sins which other Men run into.

I have done; only take notice, that *Nature* not having her Desire, and she desires nothing but what is needful, is (perhaps of necessity) is forced to let go the Conception for want of Necessaries, and then the Woman Miscarries, and who can Blame her? The Children of *Israel* could not make Bricks, if they had not Straw.

The

The only Remedy for this Infirmary in Woman (for I cannot well call it a Disease) is a Drink, a Decoction made of Vine-leaves often, they may make a strong Decoction of it in time of Year when it may be had. and then boil that Decoction into a Syrup, and keep it all the Year. How to make Syrups of any kind of Herbs whatsoever, you may see in my *English Physician*, and how to keep them all the Year for your use at all times.

C H A P. V.

Of Children born with a Hare-Lip.

I Have but a little to say to this, but that little may be to the purpose. The Cause of it is well known to be the Mother in the time of her Conception being affrighted with either a sudden starting of an Hare or Coney, or by losing her Longing to eat a piece of such a Creature. This was *Mixaldus* his Opinion. And I am confident some Women now living, know this to be true enough, yea too true.

His Prevention is this (for he was an old conceited Man as well as I, though one of the ablest Men of his time) let a Woman slit her Smock at sides like a Shirt when she goes with Child.

Let no Woman despise it because 'tis plain an easy; the Ways of God are all so. 'Tis the Inventions of Men are so difficult that a Woman cannot do her self good, but she must undo her Husbands also.

To prevent and cure all Diseases, read my *Platerus*, *Sennertus*, *Riverius*, *Riolanus*, *Bartolinus*, *Johnston*, *Vestlingius*, *Rulandus*, *Sanctor*, *Cole*, &c.

B O O K. VII.

I Do not here intend to teach Midwives how to perform their Office, for that they know already, or at least should. It being far beside my intent to tell them what they know already, but to instruct them in what they know not.

This is that which I shall speak of.

The Labour of a Woman may be said to be two fold:

1. *Of a Dead Child.*
2. *Of a Living Child.*

Of each of which in a Section by itself.

S E C T. I.

*Of a Woman Labouring with a Dead Child.***I**N this it is (that I can think of) only requisite,

1. To give you Signs when the Child in the Womb is dead.
2. Means how to bring it away-

First, Signs of the Fruit of the Womb being dead are.

1. The Breasts suddenly slack, or fall flat, or bag down, what should I provide to feed a dead Creature? saith *Dame NATURE*.

2. Coldness possesseth the Belly of the Mother, especially about the Navel.

3. Her Urine (*Anglicè*, her Piss) is thick, with filthy stinking settling at the Bottom.

4. No Motion of the Child is perceived; no, though you wet your Hand in warm Water and lay it upon her Belly, for that's the Way to make the Child stir.

5. Dreams of dead Men trouble her in her Sleep at which she is affrighted.

6. She longs to eat such things as Nature never allotted to be eaten,

7. Her Face looks but scurvily, and wants her usual Mirth.

8. Her Breath stinks.

9. When she turns herself in her Bed, or riseth up, the Fruit of her Womb swags that way (if it be not a Solecism to call a dead Child *Fruit*) like a Lump of Lead; and indeed if the Child be any thing displaced, it will do so, yet if Tansie be but applied to her Navel, or the Stone *Ætites* it will remedy it if the Child be alive; but not so if dead.

For Cure or bringing away the dead Child, which is always obnoxious to the Mother that goes with it; a dead Creature being very contrary to the Living, wherein appeared the Tyranny of *Mezentius* in *Virgil*.

*Mortua quinetiam jungebat corpora vivis,
Componens manibusq; manus atq; oribus ora.*

*Dead Bodies to the Living he did place,
And joyn'd them Hand in Hand, and Face to Face.*

I pray be pleased to accept first of this Caution, Before you use no Means to bring it away before you be sure it is dead
lest

lest you be found little better than Murderers another Day. If you follow my former Rules, you can hardly (if you have any wit) miss of the Truth; I mean those in the former Books as well as in this; you shall find them better than a Candle and a Lanthorn to guide you to the Truth, and you may (if you be wise) find enough in them, and learn enough by them, if not to teach you Wit yet to tell you what Wit you lack, when you are confident your Child is dead (which will never be, if the Rules your God hath delivered to you by my Pen be but followed) I say, if you be confident your Child be dead in your Womb; do thus (and I pray give me leave to pass by the vulgar Rules, as tho' I knew them not.)

1. Take half a Pint of White-wine and burn it, only adding half an Ounce of Cinnamon to it, burn it with no other Spice; and when they have drunk it, (for it will not do the Deed by looking upon it) if your Pains of Travail come upon you, your Child is dead indeed; if not, your Child may probably be weak or sick; for Children are capable of Sicknes even in their Mothers Bellies, but it is not dead; for then if your Child be living, it will refresh it, and give you Ease; Take notice by this (good Women) Cinnamon refresheth the Child in the Womb, and strengthens it.

2. If the Child proves to be dead indeed, these Herbs are Medicinal boiled in White-wine take as many of them as you can get, and if you can get but one of them it may do the Deed you Desire, Dittany, Betony, Penny-royal, Sage, Featherfew, Centuary, Ivy-Leaves, and Berries, &c.

3. Sweet Basil in Powder, take half a Dram at a time in White-wine.

4. The Privaties anointed with the Juice of Garden Tanfie; or if you please you may take the Herb in summer when it may be most plentifully had, and before it run up to Flower; and having bruised it well, boil it in Oil till the Juice of it be consumed; if you set it in the Sun after you have mixed it with Oil, before you boil it, and let it remain there a Month together, it will be stronger; This is an excellent Oil for Midwives always to keep in a readiness for such a Business.

5. The Stone *Ætites* held near the Privities, draws away the Child; for its Magnetick Vertue is such, that it draws the Child any way, as readily as the Load-stone draws Iron.

6. Make a strong Decoction of Hyssop with Water, and let the Woman drink it very hot, and it will soon bring away the dead Child. If so sone as she is delivered of the dead Child, you suppose any of the after birth be left behind for many times in such Cases it is rotten, and comes away by Piece-meales, let her continue drinking the same Decoction till her Body be cleansed.

7. Take the Roots of Polypodium, stamp them very well warm them a little, and bind them on to the Soles of her Feet it will quickly bring away the Child whether it be alive or dead.

8. A Decoction made of the Herb Nasterwort, used in like manner as the Decoction of Hyssop, works the same Effects. To wise Women I have spoken enough, which that ye may all be, read my *Platerus*, *Sennertus*, *Riverius*, *Riolatus*, *Bartholinus*, *Johnston*, *Vestigijs*, *Rulandus*, *Sanctor*, *Cole*, &c.

SECT. II.

A Guide for Women Labouring of Living Children.

THIS I confess is the Basis of this Book, which (that I may be as plain as I can) I shall divide into these Chapters:

1. *What facilitates the Labour.*
2. *Of cutting the Navel-string.*
3. *What brings away the after-birth.*
4. *Certain necessary Questions answered.*

CHAP. I.

What makes the birth easy.

FOR a Caution to this, let me advise all Midwives, 1. Not give any thing inwardly to hasten the Birth, before they know the true time of Birth is at hand; for the want of observing this, hath spoiled many a Child, and put the Mother to twice as much pain as needed.

2. Let not the Child be forced away unless an immoderate Flux of Blood come dome; for if such Symptom appear your

your best way to save the Woman's Life, is, to force away the Child. I have known some Women, and that of late Days, that in such Cases have fallen into the hands of such Creatures, that they had as good have sent for a Butcher to deliver them.

3. I confess it is something hard at first, to know when the true time of the Woman's Labour is; many Women being troubled with Pains so long before their true Labour comes, yea, some many Weeks before; and the Reason why they are so, I conceive to be heat of their Reins. I shall be very willing to help in this what I can therefore consider.

First, Heat of the reins in the Womb in that Case may be known by swelling of their Legs: When Women with Child find their Legs to swell much; let them take it for granted that their Reins are too hot.

Secondly, The cure is to, cool the Reins before the time with Oil of Poppies, Oil of Violets, or Water-Lillies, by anointing the Reins of their Backs with them; for most assuredly such Women whose Reins are over hot, have usually hard Labour, But above all the Remedies that I know, I commend the Decoction of Plantain-Leaves and Roots, you may make a strong Decoction of them in Waters, and then having strained and clarified it with the white of an Egg, boil it into a Syrup with its equal weight of Sugar, and keep it for your own Use, or your Friends in such cases.

4. I told you before, that the Skins which the *Greeks* (and our *Rabbies* from them) call *Amnios* and *Allantois*, contain the Urine and Sweat of the Child, the Use of which Urine and Sweat is great before, and in Travail.

First, Before Travail, by their Means the Child is more easily sustained and born up in the Womb.

Secondly, In the time of Travail (the Birth approaching both these Skins, the *Amnios* and *Allantois*, are broken by the vehement stirring of the Child, so that these Excrements fall down to the neck of the Womb; and this is that *Midwives* call the Waters, and when they see that come away, then they say to them that stand by, now the Birth is near, And 'tis very true, and the certainest Sign that can be; for the Child is no longer able to subsist in the Womb after

those Skins are broken, than a naked Man is in a heap of Snow. These Waters if the Child comes quickly after them facilitate the Labour by making the Passage slippery; and therefore let no Midwives endeavour with their Nails, nor any thing else to force Water away. *Dame Nature* knows when the true time of the Birth is, better than they, and usually retains the Water till that time. On the contrary if the Water by accident break way too long before the Birth, such things as hasten Nature, may be safely given or admitted; such are Dittany, Betony, Penny-royal, Juniper-berries, Red Coral, &c.

2. Featherfew boiled in white Wine and a Draught of it drunk; or, good Women (if they please) may take the Juice of it when it is in Prime (and I thing that is in *May*) which having clarified they may boil into a Syrup with its double weight in Sugar, and so keep it by them all the Year, till such time occasion calls for its Use. My *English Physician* teacheth you at large.

3. Mugwort used in the same manner worketh the same Effect.

4. A Dram of Cinnamon in Powder given inwardly, profits much in this case.

5. Tanisie bruised and tied to the Privities, or an Oil of it so made, and use it as you were taught before

6. The Stone *Aetitos* held to the Privities, instantly draws away both Child and After-burden; yea, draws out Womb and all, if you remove it not instantly, after they are come away, its Magnetic Vertue is such, if you do any Mischief that way, the Fault is not mine, you are forewarn'd of it, for such is the Vertue, that both Child and Womb follow it as readily as Iron doth the Load-stone, or the Load-stone the North-star.

7. *Miscaldus* quotes many other Ways.

1. An Ass's or Horse's Hoof being near the Privities.

2. A Piece of Red Coral hung near the same place.

3. A Loadstone held in her left Hand.

4. The Skin a Snake hath cast off, girt about the middle next the Skin.

5. Pears being in her Chamber, hinder her from being Delivered.

Eightly, A Decoction of Savory made in White-wine and drunk, gives speedy Delivery to Women.

Ninthly, Another good Remedy to give speedy Delivery to Women, is this, *Take wild Tanſie or Silver-weed, bruise it and apply it to her Noſtrils.*

Tenthly, *Take Date-stones and beat them to powder, and let her take half a Dram of them in White-Wine at a Time.*

Eleventhly, Take Parsley, bruise it and press out the Juice, and dip a Linnen Cloth in it, and put it up (being so dipped) into the Mouth of the Womb, it will presently cause the Child to come away, though it be Dead, and not only the Child, but also the After-burden; and not only so, but the Juice of Parsley, especially Stone-parsly, being drunk by a Woman with Child, cleanseth not only the Womb, but also the Child in the Womb of all gross Humours.

Twelfthly, It is excellent good in such a Case to take a Scruple of Castoreum in Powder in any convenient Liquors or two or three drops of Spirit of Castoreum or eight or nine drops of Spirit of Myrrh given in any convenient Liquor, give speedy Delivery.

Thirteenthly, Give a Woman in such a case another Woman's Milk to drink it will cause speedy Delivery and almost without any Pain.

Fourteenthly, the Juice of Leeks being drunk with warm water, hath a mighty Operation to cause speedy Delivery.

Fifteenthly, Take Piony Seeds, and beat them to Powder, and mix the Powder with Oil, with which Oil anoint the Loins and Privities of a Woman being with Child, it giveth her Deliverance very speedily, and with less pain than can be imagined.

Sixteenthly, Take a Swallow's Nest, and dissolve it in Water, strain it, and drink it warm, it gives Delivery with great Speed, and much Ease.

Let Midwives be ruled by me, never to force away a Child unless they are confident it be dead.

Unless the Woman labouring with it, be troubled with an immoderate Flux of Blood, or have Convulsions.

Thus (good Women) have I given you my Rules, which if you please to make Proof of, you shall find as constant as the Sun in the Firmament, that never fails without a Miracle

racle. I have not medled with your Callings nor mañual Operation, lest I should discover my Ignorance, like *Phormio* the *Philosopher*, who having never seen Battle, undertook to read a Military Lecture before *Hannibal* the best Soldier in the World. Dame *NATURE* was the Mother of what I have written, and it hath been verified by her two Sons *Dr. Reason* and *Dr. Experience*.

CHAP. II.

Of cutting of the Navel-string.

Great heed and great Care is to be taken about this, which some account but a Trifle; yet in performing this Work (which is quickly done) doth none of the least Art and Skill of a Midwife appear. That this may be done with that Prudence which is required, you ought to observe.

1. *The Time.*
2. *The Place.*
3. *The Manner.*
4. *The Consequent.*

1. *The Time.*

The Time is so soon as ever the Infant is come out of the Womb, whether he comes with part of the After-birth, or without it; for sometimes the Child brings into the World a piece of the *Amnios* upon its Head; and this is that good Women call the *Caul*, nay, so sottish they are, to think a Child Born with a *Caul* on his Head must need do Wonders *cujus contrarium est verum*. Nay, so much Vertue remains in the *Caul* it self, that it will perform as great Acts as *Hercules* in his twelve Labours, abate me but his fetching *Cerberus* out of Hell. Whereas (as I told you) it is only a piece of the *Amnios*. If you find it upon the Child's Head you shall miss it there; if you miss it upon the Child's Head you may find it there; And the Reason why some Children come into the World with their Brows crowned with it, is Weakness, which is an Argument of short Life, and such an Argument as seldom fails. Well, then whether the Child come with this or without it, so soon as it hath made its *Exit*, or is freed from its Mother, consider whether the Child be weak or strong I told you before, that both vital and Natural Spirit communicated by the Mother to the Child by its Navel-string.

If the

If the Child be weak, gently put back part of the Vital and natural Blood into the Body of the Child by its Navel, for that recruits a weak Child. If the Child be strong you may forbear. Thus you have the time; only this, let me tell you, that many Children that are Born seeming Dead, may be instantly brought to Life. if good means be used, in which Case, take this for one (you may also use it if the Child be very weak) *viz.* Crush out six or seven Drops of Blood out of the part of the Navel-string which is cut off, and give it the Child inwardly.

II. *The Place.*

About which Authors make something to do; and our Midwives at present can scarce agree.

The Distance the Navel-string should be cut off, from the Child's Body, *Ætias Lib, 4 cap. 3.* prescribes to be four Fingers breadth. A wooden Direction, because Midwives Fingers differ so much in breadth. We will imagine he means four inches. The Ancients jumped generally in that Opinion *Mizaldus* was in this Point a little critical, and yet an honest Man. and his Criticisms begat some Errors in some Modern Writers, and in our Midwives at present. Hence (as I suppose) it comes to pass that Midwives (if *Spigelius* speak truth, or others who are but his Apes) leave a longer part of the Navel-string of a Male than they do of a Female, and their supposed Reason is this. Because in Males they would have the Instrument of Generation long, that so they may not be Cowards in the School of *Venus*. But the Females, they cut it shorter, and that they think forsooth makes them modest, and their Privities narrower. This *Spigelius* and all our Modern Writers jeer at. His Words translated *verbatim* are these; *I must make my self merry with this Opinion; for if it were in the Power of Women to make the Privities greater or lesser by the cutting off the Navel-string, in sober sadness, all Women labouring with Child, would complain of Midwives, and that deservedly too, because they left them not a great part of their Navel-strings when they were Born, that so their Privities being large they might be Delivered with more Ease.* Thus *Spigelius*; and all the rest harp upon the same String.

Mizaldus orders it to be cut long both in Male and Female Children, his Reason is, because the Instruments of Gene-
ration

ration follow the Proportion of it. And therefore if it be cut too short in the Female, it will be a hindrance to her having Children. *Taisnèr*, a Famous Astronomer affirms the same thing. Let no Man prattle to me of Impossibilities: If there be not an Harmony in Nature, how can it consist? If Nature formed the whole Child by the Navel string in the Womb is her wits so far run a wool-gathering, that she can do nothing by it afterwards? They say it dies; and therefore is made invalid: when as the Self-conceitedness of their own Brains makes their Judgment so invalid, that like *Æsop's* Crow. they think themselves to be an Eagle, when 'tis no such matter. *Mizaldus* made *Dame Nature*, They Dr. *Ignorance*, the Basis or Foundation of their Judgments.

Let them tell me a Reason.

1. Why the Load-stone draws Iron?

2. Why the cutting of Onions make their Eyes run on Water? I will use no other Argument than one of their own Reasons, if not both to confute themselves. Besides, I will quote you one or two thing more out of *Mizaldus*, and all upon two Premises.

1. If the Navel-string of a Child after it is cut, be suffered to touch the Ground, the Child will never hold its Water, neither sleeping nor waking, but will be subject to an involuntary Pissing during its Life.

2. A Peice of the Navel-string of a Child born about one, so that it touch his Skin (*Mizaldus* saith you may were it as a foyle in a Ring) defends him that wears it, both from the Falling sickness and Convulsion; both which I have known and tried, as also the Torment. He saith further, That it defends him from Witches and Devils; which how true it is, let time determine: the Man was honest, and honest Men usually tell the Truth. And if the Rabbies in our times studied the Sympathies of Nature but half so much as they study to get Money, our Physicians would be able, whereas now they are covetous: They mistook *Private* for *Publick* Good; and that's the Bane of a Common wealth, and the only way they make you and yours, first Fools, secondly Slaves. But enough of this.

III. *The Manner.*

I intreated you before to note whether the Child were weak or strong. If the Child be weak. and Born almost Dead, put
back

back (as I told you before) the blood which you shall usually find flow back by the Umbilical Vein, and the Vital Spirits, which you shall usually find flow back by the Umbilical Arteries; and do it by Degrees to and very gently; for Nature goes soberly to work in what she doth, and hates Rashness; so ought a Midwife to do, if she will be her Servant.

So you shall perceive the Child which seemed like a dead Creature before, instantly to be refreshed and awaked like a Man out of Sleep. If the Child seem very lusty and sprightly, stop the Navel-string near its Navel, that so neither Blood nor Vital Spirits, may retire and that's the way to keep a Child lusty when it is so. The want of Observation of these Rules, destroys many a Child. I have candidly delivered my own Opinions, and what Truth God hath revealed to me herein, and am free from the Blood of all those that through Neglect are lost this way Having premised this, let the Ligation or Binding be very strong, neither cut it off very near the Binding least the Binding unloose: And let Priests prattle what they will of the Soul, if the Vital Blood retire back through the Navel. Life will follow it and leave the Soul behind to pick Straws. It is the Spirit of Man is the Life there of, and not only of Man, but of Beasts and Plants. And the Spirit is nought else but the Communication of the God-head to it in a natural way as shewed you before. *Psal.* 104. 29, 30. You need not fear to bind the Navel-string very hard, because it is void of Sense; and that part of the Navel-String which you leave on, falls of its own accord, in a very few Days: The whole Course of Nature being now changed in the Child, it having another way ordained to nourish it self, With what instrument you cut it off, it matters not, provided it be sharp, and you do it cleaverly. The Peice of the Navel-string that falls off, let it not touch the Ground, remembring what before I told you, and you may keep it for those Uses if you please; if not I cannot help it. If you mind your Neighbours good so much as I do yours you will do it.

IV. *The Consequence, or what follows the cutting off the Navel-string.*

The Navel-string being cut off apply a little Cotton or a Lint to the Place to keep it warm, lest the Cold enter in the Body of the Child, which it will most assuredly do, if
you

you have not bound it hard enough, and if you have, 'tis good to be sure, as the Millar said when he took his Tole twice. The greatest Evils will certainly follow the coming in of the cold into the Body of the Child that way, when that part of the Navel-string which you left remaining, is fallen off, it is the usual custom of Midwives to put a piece of a burnt Ragg to it which we commonly call Tinder, I would rather advise them to put a little of the Powder of Bole-Armonic to it, because of its drying quality. The Curse of God upon Women for their first Sin lies more heavily upon them, than it doth upon Beasts; for they licking it with their Tongues, can reduce it into such an Orb, as no Air can penetrate. But the first Woman your great Grand-mother *Eve*, having offended God, her Posterity are forced to crave Help of her Neighbours in such Case, when Beasts are not.

CHAP. III.

What brings away the After-Birth.

AS much Danger ensues upon a Woman (if not more) after the Delivery of the Child, than before: It doth not so to Beasts: Authors have written of bringing away the After-Birth, and it would make a Man sick to read it. If you take notice of Lapwings when they are in sight of other Birds imagine a Kite or the like (for they hate all Birds of prey) you shall have more of them come to help them, than you shall see or find within seven Miles of the Place. I never heard nor read they paid them for their Assistance, for I suppose they knew no use of Money. The Reason is, they love one another, but we our selves, *Cæsar's* Motto of the Crow was excellent.

*Tarpeio quondam confedit culmine Cornix,
Est bene non potuit dicere, dixit erit.*

From the *Tarpeian* Steeples top the Crow.
Cry'd out, *All is not well, but 'twill trow.*

And just thus is my Verdict of Authors. You think you can see much when you can see a Tree and not run your head against it in the Dark; 'tis well you can do so in the Night: I think it is now about break of Day; if so, then the Sun will rise, and then you need not give a Doctor ten Shillings

**Jack with a
Lanthorn, or
Will with a
Wisp.*

to lead you with an **Ignis Fatuus*. If you would know when Day breaks turn your Face toward, the *East*, for from thence the Wife-men came. Authors have gotten a rugged way when it comes not as Dr. *Conceit* would have it, I shall give you my own Opinion; if Midwives will force it away, let them pare their Nails first; for *Musicians and Midwives must not wear their Nails too long*.

Gentle Means become a wearied Woman best, churlish Remedies are allotted for Felons: The Womb is quick, the the After-birth is Dead. Let the Quick expel the Dead. Its dangerous if it be retained (I confess it) but is their no other way to kill a Dog, but to hand him? The Danger of retaining it is very great. Being retained, it putrifies. and thence comes scarvy Diseases, Fevers, Aposthumes, Convulsions, and other the like Diseases, and usually Death at the tail of them. Authors prescribe Remedies, so many as will fill a Hop-sack Baths, Suffumigations, Pessaries, and what not: If ordinary Remedies be preposterous (if not dangerous) what must we do then; Do thus:

1. Delays are dangerous: A Midwife thought so her self, when the Case was her own.

2. What brings away the Birth, brings away also the After-birth. A dead thing will drag whither you please, so will not a living, for that may draw back: I will not now dispute the Point, what is dead and what is living, but take it upon the Vulgar Opinion, because I desire not to lead you into doubtful Disputations. My own Rules are real.

1. Use the same Means you did to bring away the Birth.

2. Comfort the Woman, It is more fitting Practice for you, than to sit telling of Gossips Tales.

3. A little white Hellebore in Powder (*alias* Sneezing Powder) is a pretty good Remedy.

4. Remember Tansie, and the Stone *Ætites*.

5. The Herb *Vervain*, either boiled in Wine or a Syrup made with the Juice of it, and its double weight of Sugar (I hope I need not write one thing twice, to bid you clarify the Juice before you boil it into a Syrup) and a spoonful or two of that given doth the Deed.

6. I hope I need not bid you not to terrify Women in that case, knowing that they endured pain enough before. If you are Midwives shew your selves Women.

7. Featherfew and Mugwort work the same Effect that *Vervain* doth; but my Opinion is not so strongly. If you are wise, here's enough to know any Meaning; if not, you are unfit to be Midwives.

8. Aleffanders boiled in Wine, and the Wine drunk, is a gallant Remedy to bring it away; so also is sweet Chervil, or sweet Cicely, Angelica-roots and Master-wort used in like manner.

9. The smoak of Mary gold-flowers received up a Woman's Privities by a Funnel, brings away easily the After-birth, although the Midwife have let go her hold.

10. If you boil Mugwort in Water till it be very soft, than take it out, and apply it like a Pultis to the Navel of a Woman in Travail, it instantly bringeth away both Birth and After-birth, but you must speedily take it away so soon as both Birth and After-birth are come forth, lest it draw down the Womb also.

C H A P. IV.

Certain Necessary Questions Answered.

IN Truth my Reason in this Chapter is to teach Women more Wit, and if they be but minded to learn, if they be not, I cannot help it.

The Questions I shall answer are these:

Quest. 1. *Why Women bring forth with Pain?*

Ans. I told you before (or I am deceived if I did not) That the Sense of Feeling was not distributed to the whole Body by the Nerves or Sinews. The Mouth of the Womb is so strait, that it must needs be dilated at the time of her Delivery. The dilating thereof stretcheth the Nerves, thence comes Pain.

Quest. 2. *Why some Women bring forth with more Pain than others?*

Ans. Because the Mouth of the Matrix in some Women, is fuller of Nerves than others, as may appear by Anatomies.

Quest. 3. *Why are Women so lame and sore after Travel.*

Ans.

Ans. The usual Opinion of Midwives is, because the Bones are moved out of their Places. A Tale of a Tub when the Bottom is out. I confess it was the Opinion of Dr. *Read* and some other good Anatomists, That in the Women's Labour, the Shear bone, and the *Os sacrum* part. It is called *Os sacrum*. not because of any Inherent Holiness in it, according to Dr. *Read*, but because of its Bigness; it being the Custom (as he saith) among the *Græcians*, to call great things holy. I think rather the Name is fetched from the *Hebrews* when the *Greeks*, it being the Bone which the Angel that wrestled with *Jacob* touched, caused him to halt upon his Thigh; and ever after the Jews hath so high an esteem of that Bone, that they eat none of the Flesh which grew upon it. This by the By.

Crook, *Columbus*, and others, are of Opinion, these Bones open not; the matter is not much, whether they do or not. The Bones are joined together by Cartilages, and the Ligaments being bedew'd with superfluous Moisture may give way and neither Bones, Cartilages, nor Ligaments are sensible; therefore this cannot be the Reason. What's the Reason then?

It's this; The Nerves which (as I told you) carry the Sense throughout the whole Body, are stretched in Labour, and therefore there must of Necessity follow Soreness and Lameness, they are reduced to their former State and Order.

Quest. 4. *What's the Reason the Navel-string is twisted together, not much unlike to a Cord?*

Ans. The Vulgar Opinion of Anatomists is, That the Blood by that delay, might be the better prepared; A waking Dream! The true Reasons are three.

1. That the Navel-strings might be the stronger; for if a Cord be not the stronger for twisting why is it twisted?

2. The different Position of the Child in the Womb, The different Form of the Mother, in going, sitting and lying might compress one of these Vessels, that so the Vital Spirit could not pass in by the Arteries for quickning the Child; nor the Blood by the Veins for its Nourishment, nor the Urine pass in by the *Urachos* for its Ease which Nature hath most strangely voided by this twisting of the Vessels.

3. It is a most wonderful help in the cutting of the Navel-string; for it stays both Blood and Vital Spirits from flowing out too hastily after the Birth of the Child.

Quest.

Quest. 5. *What's the Reason of those Noces or Knots in the Navel-string of the Child.*

Answer. Another Whimsy Midwives have scrap'd up concerning this; for so many of them as they find so many Children they affirm the Mother will have after that. Neither is this enough, but this Error hath gotten a sort of Attendants; for the knots are not of an equal Distance the one from the other. The long Intervals between the Knots shew long Intervals between Child and Child, and the short the contrary. Those Knots that look reddish signify Male and the whitish Females. And all this is as true as the Sea burns; which clearly appears, if you consider that Women with in a very few, have the like Number of them in all the Children; nay sometimes more in their last Children than in their first.

The true Reason is,

Dame Nature, like a vigilant Nurse; forms these, that the Blood and Vital Spirit might be kept back from coming too violently upon the Child, that so instead of feeding it she might not choak it: And thus

Such as would be skilful Physicians, let them study these Books of mine, viz. *Platerus, Sennertus, Riverius, Riolanus, Bartholinus, Johnson, Vestingius, Rulandus, Fernelius, Sancto, Cole, &c.*

BOOK. VIII.

A Guide for Women in their Lying-In.

AND this shall be divided in two Sections.

1. *The Diet she ought to keep when she Lies-In.*
2. *How to Remedy the Accidents she is Subject to at that time.*

S E C T. I.

IT is not unknown to most good Women, That a Woman may deliver her Body of many Infirmities at such a time. And it is a little unknown to me, that the breathing in of ill Air, and the eating of ill Diet is the Cause of most Infirmities. For preventing of the one, and remedying of the other; be pleased to take notice of these few Rules which I shall deliver.

1. *By way of Caution.*

2. *By way of Instruction.*
First,

First, If her Body be exceeding weak, keep her not too hot; Extrimity of Heat weakens Nature, and dissolves the strength.

Secondly, Be she weak or strong, let no cold Air come near her at first: For Cold is,

1. An Enemy to the Spermatical Parts.
2. If it get into the Womb, it increases the After-pains
3. Causeth Swellings in the Womb
4. Hurts the Nerves.

Thirdly, Let her Diet be hot, and let her eat but little at a time, Woman many times have apish Nurfes, and they give reasons just like themselves, as though they were spit out of their Mouths O say they. *Your Belly hath been much emptied, and you must fill it again; and you have lost a great deal of Blood, and do lose daily. And you must eat soundly, and drink profoundly, else you will be so weak, you will not be able to help your self.* Silly Creatures, and good for nothing but to wash Dishes for three half-pence a Day! For the Blood she voids is superfluous. and good for nothing but to do Mischief, and hath been kept in her Body a long time: The voiding of it conducing to her Health; and not to her Weakness. And this appears if it be retained, and can by no Means be brought away, grim Death usually looks his Captives pale in the Face; if not *Chronical* diseases (which some count worse) are her Companions to her next Child, if not another World.

Fourthly, Another sottish Opinion that they have. That oat-meal Caudles purge a Woman in that case, Virgins that teach themselves to eat Oat-meal, are taught by woful Experience that it binds, and that's the Reason they get Green-sickness by it. I never knew a binding thing purge by boiling.

Fifthly, let her the first three Days (and longer if she be weak) avoid the light. Her Labour weakens her Eyes exceedingly by a Harmony between the Womb and them. Her Eyes, if they were weak before, may be strengthened this time.

Sixthly, Let her avoid great Noises and Sadness, together with trouble of Mind: For whether it be most fitting she should be praising God for her Delivery, or troubled about the wagging of a Straw, judge you.

My Instructions are these.

1. So

1. So soon as she is laid in her Bed, let her drink a Draught of burnt White-wine, in which you have melted a Dram of *Sperma Ceti*.

2. The Herb *Vervain* is a most singular Herb for this purpose, and grows commonly in every High-way. For through the Remedies of the College of Physicians grow in the *East-Indies*, and you must give Money for them, the Remedies of God are near at hand, and to be had for gathering; or else he was mistaken, who said, *His tender Mercies are over all his Works*. The Herb fortifies the Womb so exceedingly, that it will do more in two Days with it, than in two Weeks without. It is in its prime in *May* or *June*, when if you will gather it, and take the pains to dry it in the *Sun*, you may keep it all the Year. If you do not, it's not my Fault; you may use it any way, boil it in her Meats and Drinks; it hath no offensive Taste, though very pleasant Vertues.

3. If the Woman be any way Feverish add Plantain to it, whether Leaves or Root it matter not, If she be not Feverish, it will not do amiss to add them both together, *Vis unita Fortior*, joined Strength is strongest.

4. If her Courses come not away as they should do, leave out the Plantain, and instead thereof, put Mother of Thyme.

5. If the Womb be full (which may be easily perceived by the Impurity of the Blood, it either coming away in gobs or stinking) or you suspect any of the After-birth to be left behind (which is a thing may sometimes happen, through the Midwives be never so able) make her a Drink of Featherfew, Mugwort, Penny-royal, Mother of Thyme boiled in white-wine and sweetned with Sugar.

6. Panados and New-laid Eggs, is the best Meat for her at first, of which let her eat often. and but a little at a time.

7. Let her use Cinnamon in all her Meats and Drinks; for it strengthens the Womb like a Castle fortified with Walls and Bulwarks.

8. Let her stir as little as may be till after the fifth, sixth, or seventh Days after; if she be weak, let her talk as little as may be, for it weakens her. Gossips Tales do Women little good in such a Case.

9. If she goes not well to Stool, give her a Clyster made only with the Decoction of Mallows, and a little red Sugar.

Old

Old sage *Cato* prescribes Coleworts to Women in such a Case, and took no other Physick, neither himself nor his Household. And *Chrysippus* was so Vain-glorious to write a whole Treatise of them, making them an universal Medicine for the whole Body, and every Disease it is subject to. But I spake with Dr *Experience* the other Day, and he told me, they were extream windy; and Dr *Reason* who is always in his Company (both of them being the Sons of *Dame Nature*) told me windy things were extream bad for Women in that Case.

10. When she hath lain in a Week, or something more, let her use such things as close the Womb; Of which, Knot-grass and Comfry be ar away the Bell; you may if you please add a little Purging to it, and do your selves no harm; put in Polypodium, both Leaves and Roots bruised. Our College of Physicians, and so do the Ancients also affirm; that Polypodium of the Oak is to be preferred before all other Polypodiums whatsoever. I know no other Reason they have for it, but only because it is more scarce, more dear; and because more dear; it brings more Money, and that's the Grease makes the Wheels go. You need not ask in what quantity these Herbs must be used; they are so harmless you cannot offend in the Use of them. If you be pleased to use the Directions, you to your Admiration, shall find the singular Effects of those Instructions to your own Health and Comfort, and to my Desire that am the Pen-man of them. They are most of them my own, if not all; you shall scarce find any of them in another's Writings. And thus you see I do not only wish you well, but labour to do you good.

S E C T. II.

How to remedy the Accidents a Woman is subject unto in her Lying-In.

TH E Accidents are these,——

1. *The After-Pains.*

About the Cause of which Authors keep a terrible quarter. They must say something, though to little purpose. Some think it to be the thinness, some the thickness, some the sliminess of the Blood, and some the sharpness of it. The Opinion of *Hippocrates* was, that Women were most trouble with them at the Birth of the first Child *Cujus; contrarium est*

F

verum;

verum; the good Old Soul was mistaken, Dr. *Experience* whispers the contrary into every good Woman's Ears that had more Children than one, I do not justly know the Cause myself: And yet this I know, that if my former Cautions and Instructions be observed, they will be either none at all, or very few. If it be not too late to help it (for Women will be wilful as well as Men) boil an Egg soft and pour out the Yolk of it with which mix a spoonful of Cinnamon-water, and let her drink it; and if you mix two Grains of Ambergrease with it, it will be better. I hold *Vervain* taken before; to be as good as either.

2. Take Onions and boil them very well in Water, then stamp them with Oil and Cinnamon, and Seeds, in Powder, spread them upon a Cloth and apply them to the Region of the Womb.

3. Take Bayberries, beat them to a Powder, put the Powder upon a Chafing Dish of Coals, and let her receive the Smoak of them up her Privities.

4. Take Tar and Barrows-grease, of each equal quantities, boil them together, and whilst it is boiling add a little Pidgeons-Dung to it. Spread some of this upon Linnen Cloth and apply it to the Reins of the Back of a Woman that is troubled with After-pains and it will speedily give her Ease.

5. Let the Woman that is troubled with After-pains, take half a Dram of Bayberries beaten into Powder in a Draught of Muskadel.

By putting all these together, a Man may gather, that the After-pains proceed from Cold and Wind.

II. *Excoriations in the lower part of the Womb.*

For the Remedy of which, the usual Medicine is Oyl of sweet Almonds; a better Remedy in my Opinion is Oyl of St John's wort, to anoint that Part withal.

III. *Sometimes through great straining to bring the Child into the World, the Woman comes to be troubled with the Hæmorrhoids and Piles.*

For cure of which.

1. Let her use Polypodium bruised and boiled in her Meats and Drinks.

2. Let her be let Blood in the Vein *Saphæna*.

3. Take an Onion, and having cut a Hole in the middle of it fill it full of Oyl roast it, and having bruised it altogether, apply it warm to the Fundament. If you think this Medicine be

too hot; Take a dozen Snails without Shells, if you can get them take so many Shells and pull them out and having bruised them with a little Oyl, apply them to it warm.

4. A better than any in my Opinion is: Take as many Wood-lice as you can get (some Countries call them Sows) bruise them and having mixed them with a little Oyl, apply them warm to the Place.

5. If she goes not well to Stool, let her take an Ounce of Cassia Fistula drawn at Night going to Bed; she needs keep no greater Diet after it.

IV. Retention of the Menstrua's,

Which is a thing usually mortal, if not remedied.

Hippocrates in his Book *De Natura Pueri*, holds a Woman ought to be purged according to the time that the Child is in shaping or forming, which is thirty Days in a Male, forty in Female. Sacred Writ, *Leviticus* Chap. 12. delivers these Words; *If she bring forth a Male Child, she shall continue in the Blood of her Purification thirty and three Days. If she bring forth a Female Child, she shall continue in the Blood of her Purification threescore and six Days.* I know not how to understand this Scripture, unless it be confined only to *Abraham's* Household and their Seed to whom the *Levitical Law* was only written as a rule of Practice: And Experience will teach us that Hippocrates his Rules were only calculated for the *Meridian of Greece*, and very seldom found Authentick in our Hemisphere. Besides, Women that give their Children suck themselves, have them not so long as those that do not. And if that Blood be impure (as I shewed before, and as is agreeable to Reason) then is it not fit a Woman should give her Child suck very speedily after her Delivery; for if the Blood be impure, how can it breed good Milk? Dirty Water will make but dirty Pottage: And the retaining of an impure thing, doth the Body harm. That the first Milk of a Woman is naught may appear, because the first Milk of a Cow is blackish and turns to Curds and Whey; yet lies not the Curse of God so heavy upon Cattle for the first Sin of Man as it doth upon Men and Women.

'Tis an easie matter to know when a Woman is purged enough in such a case. If the Work be well done Health and Strength follows; if not, Sicknes.

If it be not well done;

1. Take such Medinines as strongly provoke the Terms? you had a Catalogue of them before, part of which are Dittany, Bettony, Savory, Penny-royal, Featherfew, Sage, Centaury, Juniper-berries, Piony-roots, &c. If this do not the Deed, in a Day or two, dangerous Effects are like to follow (if not prevent) therefore.

2. Let her take two or three Spoonfuls of Briony-Water every Morning; you may find the Receipt in my Translation of the *London Dispensatory*. In their first Master-piece it was called *Hysterical-water*; but in the second (because no body should know it was the same) Briony-Water.

3. Gentian-roots beaten into Powder, and a Dram of them take every Morning in Wine, is a most singular Remedy; and yet in my Opinion.

4. The Roots of Birthworth, either long or round so used, and taken as the former, is better than that.

5. Take twelve Piony Seeds, and beat them into very fine Powder, and let her drink them in a Draught of hot Carduus Posset-drink, and let her sweat after it. If this do not bring them down in the first time she takes it, let her take as much more about three Hours after. Make much of these Medicines.

V. Overflowing of the Menstrua's.

Which is easily cured by Comfy and Knot-grass, so used and taken as you were instructed before. For indeed the Rules in the former Section being observed, you have no need of these once in an Age.

The Truth is, this Infirmary seldom happens to Women after they are delivered. If it do, besides the former Remedies

1. Take Shepherd's-purse either boiled in any convenient Liquor, or dried and beaten to Powder, and it will be an admirable Remedy to stop them: For indeed the Herb is especially appropriated to the Privities.

2. The leaves and Flowers of Brambles, or either of them being dried and beaten into Powder, and a Dram of them taken every Morning in a Spoonful of red Wine, or in a Decoction of the Leaves of the same which perhaps is far better

better, is an admirable Remedy for immoderate flowing of the Terms in Women.

Such as would be skilful Physicians, let them read these Books of mine, viz. *Platerus, Sennertus, Riverius, Riolanus, Bartholinus, Johnston, Vestingius, &c.*

B O O K, IX.

Of Nursing Children.

P R O Æ M I U M.

O H! What a racket do Authors make about this! What thwarting and contradicting, not of others only, but of themselves! What Reasons do they bring! Why a Woman must needs nurse her own Child? Some extorted from Divinity *Sarah* Nursed *Isaac* therefore every Woman must Nurse her own Child. Why is it not as good an Argument, that because *David* was a King and a Prophet, therefore every Man must be a King, and every King a Prophet. Some they have haled it from Reason by head and shoulders. The Mother's Milk is most convenient for the Child, because the Child participates of her Nature; as though every choleric Woman, had choleric Children, and every melancholly Woman melancholly Children. Or else, because the Woman can not love her Child, except she give it suck her own self, which if she do not more inhuman Beast she.

On the other side: It would make a dying Man thwart all this again.

1. Say they (and they all agree in that Opinion, though the Point be disputable.) The Child draws his Conditions from his Nurse. To prove this they quote a great many Fathers, otherwise called Heathens. As that the *Lacedæmonians* set up the youngest Son of their deceased King in his stead. because he sucked his own Mother.

2. That *Alcibiades* being an *Athenian* was so strong and valiant, because he sucked a *Spartian* Woman.

3. *Cornelius Tacitus* straineth all the wits he had to find out the Reason, why the *Germans* are such strong boned Men; and the result of his meak out-tired Brains was, because

they sucked their own Mother. And why had not *Alcibiades* been so, if he had sucked his.

4. If a young Lamb suck a Goat, his Wool will be harder than the Wool of other Sheep, and himself fiercer And yet within half a Page further, he saith no Creature will suck any other than their own Dams Man excepted.

5. All Authors universally describe of what Complexion and Condition a Nurse ought to be. If every Woman that must nurse her own Child, any Complexion must of Necessity serve the turn. My self having buried many of my Children young, caused me to fix my Thoughts, intently upon this Business.

1. I considered the Multitude of Children which died in *London* in their time of their suckling.

2 How many got such inseperable Diseases by ill Milk, that it could never be clawed off before Dr. *Death* came and cured them.

3. In the third place, I read Authors, such as I had, and such as I could get gave me such bold and contradictory Reasons, as I have recited to you before by way of Example, that so you may know by a Penny how a Shilling is coined.

4. Then I set my self to study the Result of which I bestowed upon you as freely as God bestowed upon me. And for every particular I shall give you my Reasons.

I divide this Book into two Sections.

1. *What manner of Creature a Nurse ought to be.*
2. *About what Age the Child ought to be weaned.*

S E C T. I.

What manner of Creature a Nurse ought to be.

Authors make a great stir about this, and take ten times more Pains than needs about Notions, whether Milk be good or bad. If her Complexion be fitting to make a Nurse, must not her Milk be good? Did you ever see a Cherry-tree bear Crabs?

There is very few (thank the Physicians of our times for it) that are able to know what Complexion a Woman is of when they see her, and therefore Authors leave as many needless

Rules

Rules as old *Lilly* did in his Grammar. I advise every good Woman to chuse a Nurse that is a Sanguine Woman, and my Reason is, because all Children in their Minority have that Complexion predominant; and if you can get such a Woman, you need not fear she is squint-ey'd, or lame, or crump-shoulder'd, nor yellow Hair, or an ill-favour'd Nose, nor bad smel, nor mishapen Body, nor Black-Teeth, and you may remember the old Proverb, *cauendum ab eis quos Deus notauit*. Have a care of those that God hath marked. You need not question such a Woman's Milk to be bad, nor her Nipples neither, unless some accidental Infirmary have befallen them and in that your Eye will direct you.

I'll first of all describe such a Woman to you.

2. Give good Cautions.

3. Tell you what Diet she ought to keep.

I shall describe		1. By her Person.
the Woman;		2. By her Condition.

She is of a middle Stature, fleshy, but not fat of a merry, pleasant, chearful Countenance, a ruddy Colour, very clear Skin, that you may see her Veins through it.

2. By her Condition.

She loves Company, cannot endure to be alone; not given to Anger, but infinitely to Playing and Singing, she delights much in Children, and therefore the fittest Nurse for one. To come to the exact Knowledge of what Complexion a Nurse is of, if you please to bestow a little time and pain in reading my *Galen's art of Physic*, you cannot well err; only I would not have you to think that a Woman can be found exactly of a singular Complexion without the predominancy of another Complexion now and then intermixed; you shall far sooner find a Needle in a Bottle of Hay, than such a Creature. Only let it suffice, that if you cannot find a Woman exactly of that Complexion, take another as near to it as you can.

For CAUTIONS take these:

1. Let her not be too poor, for if she wants, so must the Child.

2. For Age, let her be between twenty and forty, for then she is in her Prime.

3. Let her be well bred; for ill bred Nurses corrupt good Nature.

F 4

4. Let

4. Let her be in health; for her own Sickness infects her Milk, and by it the Child.

5. Let her be a prudent Woman, and such a one will be careful of the Child.

6. If it be a Boy, let the Nurse be such a one whose last Child was a Boy; if a Girl, contrary.

7. Let her not be with Child herself; for so she may spoil her own, or yours', or both.

To such a Nurse you may put your Child.

What Diet a Nurse ought to keep.

If I should prescribe her Diet for every Day in the Week, she would think me Tyrannical. Give me leave to tell,

What she ought to avoid.

I. *If her Milk be accidentally corrupted, what will mend it.*

1. She ought to avoid all salt Meats, Garlick, Leeks, Onions and Mustard. Excessive drinking of Wine, Strong-Beer or Ale; for they trouble the Childs Body, with Choler, Cheese, both new and old, with Melancholy: And all Fish with Flegm.

2. Let her use her Body to Exercise; if she have nothing else to do, let her Dance the Child. Exercise causeth good Digestion, good Digestion good Blood, good Blood good Milk, good Milk a thriving Child.

3. Let her never deny her self sleep when she is sleepy, for then she will quickly awake when the Child cries.

4. Let the Air she lives in be good. Want of this is the Reason so few Children live in London, and those few that live, are none of the wisest. Grass and thick Air makes.

1. Fat unwidely Bodies.

2. Dull Wits.

An Air near the Fens, or near the Sea. makes sickly Bodies. Pure and clear Air makes.

1. Nimble Bodies.

2. Quick Wits.

The Operation of Air to the Body of Man, is as great as Meat and Drink.

For it helpeth to engender the Vital and Animal Spirits, which causeth in a Man. Apprehension, Imagination, Fancy, Opinion, Consent, Judgment, Reason, Resolution, Discerning

cerning, Knowledge, Remembrance, calling to Mind, Mirth, Joy, Hope, Trust, Humanity, Boldness, Mercy, Fear, Sadness, Despair, Envy, Hatred, Malice, Mildness, Stubbornness: And indeed, though the Bulk of the Body be nourished by Food, the Air carries the greatest swing in all the Action thereof: For it is the Cause of Life. Health Sickness. Death to Mortals.

5. Let her shun Disquietness of Mind, Anger Vexing, and Grief: For if a Woman did but see her own Face in a Glass, when she is in such Passions, she would hire a Man to throw Stones at it.

II. *What will amend her Milk being accidentally corrupted.*

1. First of all, let her observe the Caution before mentioned.

2. Let her Diet be good:

3. Herbs that correct Milk, are these;

If it be too hot; Endive and Succory; Lettuce, Sorrel, Purslane, Plantain.

If too cold; Borage, Bugloss, Vervain, Mother of Thyme Cinnamon: And to be brief, whatsoever strengthens the Child in the Womb, amends the Milk after the Woman is delivered.

4. Also many Nurses, though otherwise of Complexion good; enough yet many times they want Milk:

In such Case Authors have left some Remedies, *viz.*

1. The Hoof of the Fore foot of a Cow dried and beaten to Powder, and a Dram of the Powder taken every Morning in any convenient Liquor, encreases Milk.

2. The Thistle which is commonly called our Ladies Thistle, because the Papists thought good to dedicate it to the Blessed Virgin, whether out of a fond Conceit that she amended her Milk by it, I know not; yet this I know, few things growing, breed more and better Milk in Nurses than that doth, and that is clearly testified by the Milk and Veins in it.

3. If the Child be much troubled with Wind, let the Nurse use Fennel or Fennel-seeds in her Drinks or Broths and the Child shall soon find the admirable Benefit of it. Be studious, and do not think I shall live allways to instruct you. This is the way for good Women to keep their Children in

Health: The want of Observance of which, loseth many a Child: And the Physicians neither of our time nor of our Fore-fathers, had either not the Wit, or not the Honesty to direct you in it. Blame not me for making a long Narrative how a Nurse should use her Child, and how she should dress its Head, and how she should pin it up in Blankets, and when she should hold it out to pisse, as many have done before me. Let but my former Rules be observed, and the Labour of the Woman will be easy. Her lying-in short. Her Children usually maintained in Health and Strength. I hope they will not blame me for shortness unless they love nothing but long things. I desire my Book should be for every one's good, and therefore, within the reach of every one's Purse: And rest confident, there is enough in it to imploy the Brains of the wisest Woman breathing, and to do the silliest Good.

S E C T. II.

About what time the Child ought to be weaned.

A Punctual time in all Children cannot be determined, but the Manner may. A Word or two of them both, *Agenit Avicenna* prescribes two Years for the Child to suck. and that's usually one to many. If the Child be weak, it may suck longer: Milk digests soon, it being concocted by the Nurse: And that's the Reason, many in a Consumption (whose Digestion is weak) are cured by sucking a Woman's Breast. If the Child be strong and lusty (as happily it may be, if my former Rules be observed) a Year is enough in all Conscience for it to suck. Experience teacheth the Inconvenience of Children's long sucking. Suck being ordained for Children no longer than until they can digest other Food. The fondness of Mothers to Children, doth them more Mischief than the Devil himself can do them; one part and not one of the least) of which appears in letting them suck too long. Unnatural Food in their Infancy, and cockering in their Youth will (if it where possible) make a Devil of a Saint. I know the Grace of God lays hold upon whomsoever he pleaseth, and therefore I cannot give Universal Rules: Yet this I say, I have known many, and heard of more, that

that sucked three or four Years, but never knew any thing come to good, nor heard of many. I told you Milk was ordained for Children no longer than till they could digest other Food. Divide all the Women in *London* into twenty Parts, and you shall not find one of the twenty fit to be a Nurse to her own Child, and that for these Reasons:

1. *Because they give them suck too long.*
2. *Because they cocker them in their Youth.*

And that's the Reason why in time.

1. Some Mothers are forced to curse their Children for Stubbornness and ill Conditions.

2. Some Children serve their Parents like Sauce, because they had no better Education. And,

3. Why so few Citizens Children come to good, they feed them against Nature; they cocker them against Nature; and if Nature have nothing to do with them. is it a wonder if they prove Unnatural?

4. God many times punisheth them with their own Coin. That their Children either die young, or live but a few Years, and those very sickly, or are troubled with the Rickets, or lame, or decrepit. What should they do with others? If they had Better, they would spoil them.

A certain Man of ingenious Breeding and good Wit, (whose Name I have forgotten) had a Wife whose insatiable Desire could not be satisfied for want of a Boy though she had many Daughters, beautiful of Person, of excellent Understanding and good Conditions: But a Boy she must have or else she dies. To answer her Distempers (I cannot say her Prayers) God gave her a Boy, and he proved a Fool; said her Husband to her, Wife, thou wast never contented till thou hadst a Boy, and now thou hast gotten one that will be a Boy all Days of his Life.

To Cure all Diseases, read my *Platerus*, *Sennertus*, *Riverius*, *Riolanus*, *Bartholinus*, *Johnston*, *Veslingius*, &c.

C O N C L U S I O N.

GOOD Women, I have for your good, and not for my own, traced the beginnings of my self and you. from the Tools whereby we were made. and the Matter we were made of, to what we were, when we were but an *Embryon*.
I have

I have instructed you in its Nourishment and Growth in the Womb: I have given you helps for the Preservation of it: I have given you Helps to ease you in your Body of Delivery, I have given you Orders for your Body after Delivery. My care hath not been wanting, for the Child during the time it sucks I have not been wanting to you, freely to impart all the Cautions I knew. If Envy oppose me I know I have done well. It was the Speech of the wisest of Men *Anger is fierce, and Wrath is cruel: But who can stand before Envy?* Envy is employed against nothing but what is done well. 'Tis the Eldest Child of the Devil, and looks as like him as though it were spit out of his Mouth. I am not afraid nor ashamed to own this work another Day before the great *Jehovah*, and the Lord *Jesus Christ*, and the *Holy Angels*? What Knowledge they have given me herein, I have revealed to you, and have not concealed a Tittle. The greatest part of it (if not all) is verified by Experience. If you try it, you shall find it to be true. The Remainder of my Life have I consecrated to the Publick Good I expect no Reward for doing my Duty; yet am forced thus to leave the Child newly weaned, to go upon another Physical Employment of Publick Contentment. I shall very shortly take him up where I left him, and trace him through his Childhood, Youth, Manhood, Old-Age, even of his Grave, where he and I shall rest in Hope of a Resurrection.

Errata non Corrigenda.

FOR *Jeers*, read *Truth*.

For *hard Language*, read *Plain Dealing*.

For *Mistakes*, read *Want of Time*.

For *Discovering Womens Matters*, read *Encrease of Knowledge*.

For *Crying out against me*, read *Envy*.

For *Raving against me*, read *Covetousness*.

For *Dislike of my Book*, read *Slavery*.

For *Neglect of my Rules*, read *Death of Infants*.

For *Practice opposing them*, read *Am ignorant of them*.

For *Flattery*, read *I cannot abide it*.

For *Brevity of the Writer*, read *Ignorance of the Reader*.

For *Want of Knowledge*, read *Be Diligent*.

For *Finding Fault with the Book*, read *Want of Wit*.

For *Traducing me behind my Back*, read *Want of Honesty*.

For *Future Hopes*, read *Look up to God*.

An

An Interpretation of certain crabbed Names which you shall meet with unexplained in this Treatise.

Accelerator, In plain *English*, an Hastener, Physically 'tis used in this Treatise, for the Muscles that open the Passage of the Seed and Urine.

Allantois, The skin that holds the Urine of the Child during it abide in the Womb.

Amnios, The inner Skin that compasseth the Child in the Womb.

Arteries, Proceed from the Heart, are in a continual Motion; and by their continual Motion quicken the Body. They carry the Vital Blood to every Part of the Body; their Motion is that which is call'd the Pulse; you may feel it at your Temples, Wrist, Groan, &c.

Arthrodia, Is a Juncture, when the head of the Bone is little which is receiv'd, and the Cavity which receives it, is shallow.

Chorion, Is the outward Skin which compasseth the Child in the Womb.

Clitoris, Is a finewy part of the Womb.

Corpus Varicosum, Is an interweaving of the Veins and Arteries, which carry the Vital and Natural Blood to the Stones to make Seed of.

Cremaster, Is the Muscle that holds up the Stones.

Enarthrosis, Is a joining when the large Head of one Bone is received into a deep Cavity of another.

Erector, In plain *English* a Lifter up, physically the Muscle that makes the Yard stand.

Glans, The top of the Yard.

Gomphosis, Is a joining of the Bone, as a Nail is joined in a Board; and so the Teeth are joined in the jaws.

Gynglymoss. Is a joining of the Bone, when the same Bone receiveth another, and is received by an another.

Hermonia, Is the Juncture of a Bone by a Line.

Membrana, Is an internal Skin.

Muscle, Is an instrument of voluntary Motion.

Nerve, Is the same with a Sinew; and this is that by which the Brain adds Sense and Motion to the Body.

Placenta, Is, the proper Name of a Sugar-Cake, Physically, it is used for a Piece of Flesh in the Garment of a Child in the Womb: You may find it in the After-birth.

Præ-

Præputium, Is the Fore skin of the Yard, that which the Jews were commanded to cut off from their Children at eight Days of Age.

Prostrates, Are the Kernals which keep the Seed after the Stones have taken the Pains to finish it. I cannot but wonder why Men should call an involuntary shedding of Seed, the running of the Reins, when the Fault is in the Kernels. The Reins are so busied about the Urine, that they regard not the Seed at all.

Superfætation, Is when one Child is conceived after another is fore-conceived in the Womb.

Sutura, Is a joining as the Bones of a Skull are joined; it properly signifies a stitching.

Symphysis, Is a joining, together by Flesh.

Synchondrosis, Is a joining together by a Cartilage.

Syneurosis, Is a joining together by a Ligament.

Vasa Deferentia, Are the Vessels which carry the Seed from the Stones to the Seminal Vessels.

Vasa Præparantia, Are the Vessels which make the Blood fitting to be concocted into Seed, as they carry it to the Stones.

Vena Cava, Is the great Vein which receives the Blood from the Liver, and distributes it by its Branches to all the Body.

Urachos, Is the Vessel which conveys the Urine from the Child in the Womb to the *Allanotis*.

Urethra, A common Passage of the Yard, both for Seed and Urine.

Ureters. Are the Vessels that carry the Urine from the Kidneys to the Bladder.

If you meet with any more than these, which are not explained as they were laid down, I am sorry for it. These are all I could see by the help of my Optic Nerves, (whether it were *intramittendo Species*, or *extramittendo Radios* it matters not much) I am willing to satisfy all. If I have missed any, I will satisfy particular Persons first, that tell me wherein I have missed; and the World in general at the next Edition.

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Mrs,

Mrs. Culpeper's Information, Vindication and
Testimony, concerning her Husband's Books
to be published after his Death.

SO great are the Afflictions wherewith our Heavenly Father hath been pleased to Exercise me his poor Hand-maid, that I have not only lived to see my dear Husband (the Stay and Solace of my Life) taken from me but it hath been my hard hap also to see his Reputation and Memory (which will be dear to all Posterity, for the WORKS he hath written for the common Good of all Nation) blemish'd and eclipsed by the Covetous and unjust Forgeries of one, who thoughs he calls himself Nathaniel, is far from being an Israëlite in whom there is no Guile, who was not content to publish an Hodepodge of undigested Collections and Observation of my Husband's Deceased under the Title of Culpeper's Last Legacy : But to make the Deceit more taking, he steeled his Forehead so far, and brazen'd it so hard, as not to be ashamed to Forge two Epistles, one in mine. and the other in my Husband's Name ; of the Penning of which, he nor I never so much as dreamed. And yet he impudently assermeth in my Name, That my Husband, laid a severe Injunction on to Publish them for the general Good, after his Decease; and they are his last Experience in Physick and Chirurgery. And in the Title of his Book, he said, They are the choicest and most profitable Secrets, resolved never to be published till after his Death All which Expressions in the Title and Epistles, are as false as the Father of Lyes ; and every Word of them Forged and Feigned. And he knew well enough, that no discreet honest Man, that was a Friend to my Husband, or to me would ever have agreed to such infamous and dishonest Practise ; and therefore, I desire all courteous Readers of the Writings of my Husband, to take notice of this Deceit, and to assure themselves that it never entered into his Head to publish such an undigested Gallimaufry, under the promising and solemn Name of his Last
Lega-

Legacy, and that whereby he gained his Reputation in the World, as the Impostor makes him speak in his Forged Epistle. And I desire any indifferent Reader, that hath observed my Husband's lofty and masculine manner of expressing himself in his Prefaces and Epistles Dedicatory, whether in Case he had been minded or disposed to take a solemn farewell of the World, as the Forger makes him to do: Whether, I say he would have done it in such a whining Fashion, and in a Stile of a Ballad-maker as to say. And now if it please Heaven to put a Period to my Life and Studies that I must bid all things under the Sun farewell: Farewel to my dear Wife and Child, farewell Arts and Sciences; farewell worthy Glories, adieu Readers. Certainly my Husband would have been far more serious and material, in such a solemn Valedictions he could possibly forget his wonted respect to the College of Doctors to whom he did so frequently address himself in divers of his Writings.

Courteous Reader, I shall say no more touching the abuse of the Bookseller; only prevent as much as concerns me their being abused, for the Future know, That my Husband left seventy-nine Books of his own making or translating in my Hand, and I have disposed them into the Hands of his, and my much honoured Friend Mr. Peter Cole, Bookseller at the Printing-Press near the Royal Exchange, for the good of my Child from whom thou mayest expect to receive in Print such of them as shall be thought fit to serve thee, in due Season, without any Disguise or Forgeries, unto which I do hereby give my Attestation. Also my Husband left seventeen Book compleatly perfected in the Hands of the said Mr. Cole, for which he paid my Husband in his Life-time. And Mr. Cole, is ready and willing on any good Occasion, to shew any of the seventy-nine Books, or the seventeen, to such as doubt thereof.

And if any Person shall question the Truth of this Vindication or Epistle; if they will take the Pains to come to me, I will Face to Face justify the Truth of every Word thereof, as I have subscribed my hand thereunto in the Presence of many Witnesses.

I profess

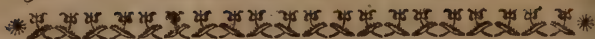
I profess in the Presence of the great God, the Searcher of all Hearts, before whom Mr. Brooks and I must one Day give an Account of all our Actions, That I have not Published this Epistle or Vindication, out of any disrespect to Mr. Brooks; for I much respect the Man, and would be glad to serve him to my Power, but only to clear my Husband from the Folly and Weakness cast upon him by the Means above expressed. And out of Tenderness to Mr. Brooks, I first tried other Means of keeping, and afterwards of repairing my Husband's Credit, and then staid long to see if he would repair in any Measure, the Wrong done to my Husband and my self. I desire to be,

Your Servant (in,

and for the Truth)

Alice Culpeper.

From my House next
Door to the Red-Lion
in Spittle-Fields, Octo-
ber, 18. 1655.



THE FOURTH
BOOK
OF
PRACTICAL PHYSIC.
Of Womens Diseases.

PART I.
Of Diseases in the Privities of Women.

SECT. I.
*Of Diseases of the Privy Parts, and the
Neck of the Womb.*

CHAP. I.
Of the Straitness and Largeness of the Orifice.

THERE are three Diseases in this Part. The Straitness, and the Largeness, and Yard of a Woman. The Straitness is, when the Cleft is so narrow, that it will not admit a Man's Yard, or with much Difficulty; it hinders Child-bearing, and if it be from the first Confirmation, it is hard to be cured by Physic: But it is enlarged, either by Copulation, or by bringing forth of Children. Sometimes it is from an Ulcer or from Astringent Medicines given unadvisedly, that they may appear to be Virgins when they are not.

Sometimes the Clift is shut outwardly, and there is only Passage for Urine and Terms; the Women are called *Tretæ*, that is shut up and bored, of which *Chap. 3.* Sometimes it is so close, that neither Terms nor Urine can come forth.

The

The contrary to this, is largeness of the Cleft, or when there are more Holes than Nature hath usually, by often Copulation or Child-bearing. This Laxity or Largeness causeth Barrenness and falling out of the Womb, as Hippocrates shews in the Nature of Women and this makes Women unpleasant to Men.

This is cured by purging after Child-bearing, by Fomentation, Baths, Lineaments of Allum-water, and the Decoction of the Astringent Plants.

Take Comfry Roots, Bile, Sanguis, Draconis, Pomgranate Flowers, Allum, Mastic, Gauls, each half a dram make a Powder, and with steeled Water make a Mixture, dip a Pessary therein. Or take Oak Leaves, Plantain, each half a Handful; Comfry roots an Ounce; Pomgranate-Peel and Flowers, Sumach, each half an Ounce; Allum an ounce; boil them in Water and foment the Privities.

Sometimes in hard Travail, the space between the Fundament and the Privy Cleft, is broken into a Hold. Eros shews the Use of it. Some put along Piece of Allum into the Cleft. When there are divers Passages in a Woman's Privities it is from the first Confirmation, and by Natures, Error, the Passage from the streight Gut goes to the Womb.

The Passion.
Mulier. e. 20.

CHAP. II.

Of the Mentula or Yard in a Woman,

THE *Alæ* or Wings in the Privities of a Woman are of soft spungy Flesh like a Cocks come in Shape and Colour; the part of the top is hard and nervous, and swells like a Yard in Venery with much Spirit. This Part sometimes is as big as a Man's Yard, and such Women were thought to be turned into Men.

It is from too much Nourishment of the Part The Causes. the Loosness of it by often handling.

It is not safe to cut it off Presently: But first use Driets and Discussers, with things that a little Astringent: then gentle Caustics without causing Pain, as burnt Allum, and Ægyptiacum. The Cure

Take Ægyptiacum, Oil of Mastic, Roses, Wax, each half an Ounce. If these will not do, then cut it off or tie it with a Ligature of Silk or Horse hair till it mortify.

Ætius teacheth the way of Amputation; he *Tetr. obser.* calls it the *Nymphæ* or *Clitor's* between both the
 4. 103. Wings. But take heed you cause not Pain or
 Inflammation. After cutting, wash with Wine
 with Myrtles, Bays, Roses, Pomgranate-flowers boiled in it
 and Cypress nuts, and lay on an Astringent Powder.

Some Excreescences grow like a Tail, and fill the Privities:
 They differ from a *Clitoris*: For the Desire of Venery is en-
 creased in that, and the rubbing of the Cloaths upon it cau-
 ses Lust: But in an Excreescence of Flesh they cannot for pain
 endure Copulation, but you may cut off this better than a
Clitoris, because it is all superfluous.

CHAP. III.

*Of Arreta or Closures, and Straitness of the Neck and Mouth of
 the Womb.*

They are threefold, It is either in the Orifice, or Neck
 in the Middle: It is always hurtful, either to Copulation
 or the Terms. or to Conception and Child bearing.

I saw one that had the first: The Orifice was very little,
 only fit to purge the Terms, and receive Seed: she conceived
 and the Midwives discovered it in time of Child-bearing,
 and the Chyrurgeon opened it, and she was happily deliver-
 ed: But how the Seed was spent into it, is not to be under-
 stood.

Lib. de sana. Flesh, or a Membrane, is from evil. Confirma-
Et mord. cur. tion, or a wound, or Ulcer of which *Boni-ve-*
cap 78. *nius, Fabricius and Hildanus.*

The Cleft also may be closed by a Wound or
 Ulcer, as in a Woman who with the *French-Pox*, had all eaten
 off and it grew together after, only there was a little
 Passage for Urine.

This is either when the Sides grow together from an Ul-
 cer, or when proud Flesh stops it up, which is sometimes in
 the *French-Pox*.

The Signs. When it is in the Privities, it is to be seen;
 but when in the Neck or Orifice of the Womb
 it is not known, but when the Terms are to flow, or when
 they copulate; and it is either broken by the force of Blood
 there is pain; and being Virgins, they are taken to be with
 Child

Child, for if it last long, the Womb swells, and the whole Body is bluish.

These either hinder the terms from the Neck of the Womb or from the Veins of it. If Inflammation or Ulcer was before, this Disease may be suspected to be; if there be closing by the Membrane, the place is white; if by Flesh, it is red. And it is known by the touch; for the Membrane is harder than Flesh.

The Inconveniences are great, either in *The Prognostic.* Copulation, Conception, or Child bearing especially; for the Child cannot get forth without Hazard of it self or Mother.

It is easier cured when it is from a Membrane only, because it is easily cut or broken; that in the Orifice of the Womb is not to be cured, because the Instruments cannot reach it.

Take away that which stops the Passage, a Membrane that is outward is easily cut: But if it *The Cure.* be in the neck of the Womb or the Flesh, it is hard. For if the cut be large, there is pain and Bleeding, and the Womb is hard to be cured, because the Neck of the Bladder is easily hurt thereby.

Vulcrus teacheth this Operation in his Observations. And *Hippocrates* in his Book of Sterility shews, how a Membrane may be taken away without cutting.

If Flesh grow from an Ulcer after purging, use Driers and Discussers to diminish it with Frankincense, Birthwort, Roses, Pomegranate flowers, Mastic, Myrrh, Aloes, &c. as in *Chap. 2.*

Some think this Disease may come from *Nichol Florentius.* briness, but it is incredible. If it come from a hard Tumour, soften and dissolve it with Butter, Oil of sweet Almonds, Lillies, &c.

C H A P. IV.

Of Pustules and Roughness of the Privities.

Roughness and Itching come from Pustules in the Neck of the Womb and Privities with *The Causes.* Scurf and Swellings, with Itch and pain.

They are from an adust Humour, malignant and sharp, which abounding, evacuate themselves by these loose and moist

140 *Of Condyloma in the Neck of the Womb.*

moist Parts, and their sticking, exasperate the Flesh; this is the *French-Pox*.

They declare themselves

The Signs. It is stubborn, long, and infectious to Men,
The Prognostick and hard to be cured.

The Cure. If the adust sharp Humours come from the whole Body, prepare with Borrage, Fumitory, Succory, Endive, and the like then evacuate them with Senna, Epi-thymum Syrup of Apples, Violets, Roses, Catholicon Con-fectio, Hameth, Pills of Fumitory, Tartar.

Let Blood if there be fulness first in the Arm, then in the Ankle: But if it be for the *French Pox*. first use Guaiacum and Sarfa, and the like.

Foment the Part often with hot Decoction of Dockroots, Fumitory, Hops, Pelitory, or use this Oyntment; Take *Plan-cain* and *Rose-water*, each four Ounces; *Salgem*, *Niter*, *Allum* each three Drams; *Rublime* a Dram and a half? Boil them in a third part strain them and add *Verdigrease* a Scruple. Then use gentler Means two Days after, till the Pustles fall off and new Flesh appear, and then use the Ointment again.

Let the Diet be to resist evil Humours of good Juice, avoid salt, sharp and four things.

CHAP. V.

Of Condyloma in the Neck of the Womb.

Condyloma is a Tubercle or Excrecence with Heat and Pains: For these Parts are wrinkled, and when the Wrinkles swell, there is a Condyloma. Sometimes it is without Inflammation and soft, and with Inflammation and hard. It is usually in the Privities and Fundament of such as have the *French Pox*.

The Cure They are from sharp malignant Humour which is always in the *Pox*, and sometimes they follow, hard Clefts or Chaps.

They are painful and burning the skin is
The Signs, wrinkled? and when they are many, they are like a Bunch of Grapes.

They are hard to be cured, if they are from the *Pox*; first cure that, and then they often vanish of themselves.

After

Of Warts in the Neck of the Privities of the Womb. 141

After general Evacuations proper against the *Pox* use Topicks: First see if there be Inflammation and then abate Pain. Take Oil of Linseed and Roses, each an Ounce Oil of Eggs half an Ounce; mix them in a Leaden Mortar, or take Pellitory, Mallows, Althæa each half a handful? Camomil-flowers two pugils Linseed and Fœnugreek each half an Ounce. Boil them to a pint, and Oil of Roses three Ounces, inject in with a Syringe.

If there be no inflammation use Driers and Repellers, Vervelin, Ivy, Acacis, Pomgranate peas and Flowers, For Baths and a Fomentation, and after add Discussers, as Camomil and Thyme.

If it be old and hard, first soften it with the same and after thrice using them, use Digesters and Drier that are strong as a Powder. Take round Birthwort a dram, Savin Hermodactyl burnt, each two drams, burnt Allum two drams, red lead a dram, Culcitis half a dram, sprinkle it upon the loose Flesh.

Or take Aloes, Frankincense, Myrrh; each a Dram: Ammoniacum dissolved in Vinegar a dram and half, Allum two drams, red Lead two drams, Galls half a dram, Turpentine Oil of Tartar, each a dram; with Oil of Roses and Wax, make an Ointment.

This is very strong: Take Turpentine an Ounce, Oil of Nutmegs two Ounces, red Lead two drams, Allum Vitriol, each a dram, Verdegrease half a dram, Sublimate a Scruple, with wax make an Oymtment. or of Balsum of Mercury.

If Medicines will not do, the Ancients advise Burning, of which see *Ætitus*

CHAP. VI.

Of Warts in the Neck of the Privities of the Womb.

THEY are from a gross seculent, and malignant Humour sent to the Skin and turned to a Node. They are known by their Shape. The Malignant are known by their Hardness and Heat, and Blewness, Filth and pain. They are often hard to be cured because the *Pox* is with them and they are in a Place to which Medicines are hard to be applied, and to continue.

The Myrmeciaæ are not cut off, but they leave a great Ulcer, the Thymi and Clavi Grow again. Acrochordones. once cut, have no Root.

After Universals, and order of Diet, either use *The Cure.* Medicines or cut or burn them to discuss, then use Sage dried with Figs, Orange, Rew burnt dry Savin Frankincense, with Wine and Vinegar, or Snakeskins with Figs: These also dry.

These corrode, eat and burn, as Juice of wild Cucumber with Salt, Milk of Figs, Sheeps-dung, Goats-gall with Niter, Aqua-fortis, Spirit of Vitriol, Sulphar, Butter of Antimony. Take heed that you hurt not the Parts adjacent, but defend them with Bole, sealed Earth, Rose Water and Vinegar; if you put the Corrosives into Nut shells; change them twice or thrice a Day, and wash the Part with a cleansing Decoction, and then cut or burn.

C H A P. VII.

Of the Hæmorrhoids of the Womb.

THE Veins that end in the Neck of a Womb often swell like the Hæmorrhoids it is from gross Blood that comes to these Veins out of the time of the Terms.

The Cause. Inordinate Flux of the Terms may occasion it, when they flow out of the Usual time, they grow thick, and get out of the Vein but swell them.

The Signs. They are to be touched, and with a *Speculum matricis* to be seen. There is pain and Bleeding without order: She is pale and Lazy.

The Cure. Correct the Blood, purge and bleed in the Arm to derive and revel, of which in the Diseases of the Womb.

If pain be, abate it by sitting in a Decoction of Mallow, Althæa, Camomil, Melilot-flowers, Moulin, Linseed, Fœnigreek; of which also make Fomentations and Ointments, with Butter, Populeon and Opium, if there be pain.

Take Populeon, Oil of Roses, and sweet Almonds, fresh Butter each half an Ounce: Saffron a scruple, with the Yolk of an Egg, make an Ointment Or,

Take Mucilage of Quinces, Althæa, each half an Ounce? Oil of Roses and Hens-grease, each a dram the Yolk of an Egg and Saffron, half a dram, mix them in a Leaden Mortar.

If pain be gone, or abated, and they Bleed not, use Driers of Bole of Earth Lemons, Acacia, Cerufs, forth of Silver, Lead

Lead burnt and washed, long Birth-wort, Allum, Verdigrease.

If they swell with Blood, evaporate it, or foment the Decoction of Mallows, Althæa, Pellitory, Camomil-flowers, Moulin, Melilot, Seeds of Lime Fœnigreek if they do no good, open them by Fig-leaves rubb upon them, or by Horifleeches, of which *Chap. 2.*

If there be proud Flesh take it off as is shewed.

If they bleed gently, let Nature alone to the work for it is good and frees from other Diseases. If the Flux be great and abate the strength, open a Vein in the Arm divers times and do it as in the overflowing of the Terms.

Quest. How do the Hæmorrhoids differ from the Terms flowing or stopt?

Mercurialis saith, that though a flux of Terms be immoderate, yet it hath its Periods, and is without pain, and makes not the Body lean? But it is contrary in the Hæmorrhoids. But this is not true: For the Body is not made lean always by the Hæmorrhoids, nor do the Courses keep their Periods always.

Besides the Pain which is almost always in the Hæmorrhoids, they differ in that Terms flow from the Veins of the Womb and its Neck. But the Hæmorrhoids are when the Blood flows too much to the Veins that nourish the Privities, and sticks, or is evacuated.

C H A P. VIII.

Of Ulcers in the Neck of the Womb.

THEY are seldom cured in the Body of the Womb and are simple and clean, or fordid and malignant.

Are a flux of sharp Humour, that last long in the Pox and Gonorrhœa. Corrupt After-birth and Courses after Child-bearing detained, Inflammation turned to Imposthumes; these are the internal. *The Cause.*

The external, are sharp Medicines, hard Travail, a great Child taken out by force, violent Letchery, Wounds, Falls, Strokes.

Are Pains and constant Bitings that increaseth, especially in Copulation, or when Wine or Hydro-mel is inject. You may also see it with a Specu- *The Signs.*

lum;

lum; also there is Matter gentle or filthy if the Ulcer go toward the Bladder, they piss hot and often: There is Pain in the Roots of the Eyes to the Hands and Fingers Fainting, and a little Fever sometimes.

The external Causes are to be related by the Patient. If it be from the Prox-Gonorrhæa, the signs of them will appear, of which *Hippocrates*.

They are hard to be cured, because they are in a Part fit to receive Humours, soft and moist, and that hath consent with many Parts. Hence are divers Symptoms. The great old and foul are worst; when they corrode, and are hollow they are seldom cured: they that may easily have Medicines applied to them, are easily cured.

First, stop the flux of Humours to the Part, if it be either from the whole Body, or any Part. And amend the Distemper of the Womb, that it may neither breed nor receive bad Humours. If the *French Pox* be with it, resist that first.

If there be pain, first abate that with Milk Steel-
The Cure. ed or with three Whites of Eggs and Mucilage of Fleabane, or an Emulsion of Poppy-seeds,

Or, Take *Althæa roots an ounce Dill-seed two drams, Barley a pugil, Fænugreek and Linseed, an ounce, Fleabane and Poppy-seed, each half an ounce; boil them in Milk.* Of which in Pain of the Womb.

In a foul Ulcer, first use Cleansers, as whey, Barley-water Honey, Wormwood, Smallage, Orobus, Orris, Birthwort, Myrrh, Turpentine, Allum, As Take new Milk boiled a Pint Honey half a pint, Orris Powder half an ounce, Use it hot often every Day.

Take *Diaphompholigos, with Frankincense, Mastic, Myrrh, as the Ulcer requires.*

When that which was injected, is voided, wash with the Decoction of Mallows, put it up this Pessary:

Take *Erucum and Lentils in Powder, and Orris, each two Drams, with Honey.* Or,

Of such Fumes: As Take *Frankincense, Mastic, Myrrh, Storax, Calaminth, Gum of Juniper, Labdanum each an ounce: Make a powder, or, Troches, with Turpentine.*

If there be Suspicion of the *French Pox*, add a little Cinnamon. In a very foul Ulcer, add *Ægyptiacum* or *Aporstolorum*,

Of the Clefts in the Neck of the Womb. 145

rum, or a little Spirit of Wine. In a creeping, corroding Ulcer, with Cleansers mix cold, drying, and astringent Medicines, Allum water, Plantain and Rose-water, with Pomegranate-flowers boiled, and Pomegranate-pells, and Cypress-nuts, is also good, and with Aloes.

After cleansing fill it with Flesh, and heal it up. As Take *Tutty washed, half an ounce, Litharge, Seruse, Carcozel, each two drams; with Oyl of Roses and Wax make an Oyntment.*

Or smoak the Privities with Myrrh, Frankincense, Gum or Juniper, Labdanum two Drams in Powder, with Turpentine make Troches.

Or Use Sulphur, or Allum Baths, and Plaister.

Inwardly give vulnerary Portions. As, Take *Agrimony Burnet, Plantain, Knot-grass, each two pugils; China three drams Coriander-seed half a dram, Currans half an ounce; Boil them in Hen-broth give it twice a Day. Or give Turpentine and Sugar for a Month, or a dram of Pills of Bdelium often.*

If the Body consume, give Asses Milk, with Conserve of Roses for a Month.

C H A P. IX.

Of the Clefts in the Neck of the Womb.

TH E S E are long Ulcers that are small, like those in the Hands and Feet in Winter: they eat off the Skins, are sometimes deep with hard Lips if *The Causes.* old: Sometimes they are dry, or sometimes Bleed.

They come from hard Travail, when some Parts in the Neck of the Womb, are broken by a great Child, or violent Copulation, or flux of sharp Humours *The Signs.* that stick in the Parts, and corrode.

If it be new, it is hidden sometimes, and known in Copulation by pain and Bleeding.

The new are easiæ Cured, than when they *The Prognostic.* are old and callous.

If they come from hard Travail, make a Clyster *The Cure* of the Decoction of Roses, Pluntain, Birthwort, Boie, Sarguls Draconis, Francincense, or with the White of an Egg a Pessary.

If from sharp Humours; after universaller Evacuations, use Topicks that bind without biting (if the Clefts be not callous) an Oil of Linseed and Roses with the Yolk of an Egg and Juice of Plantain mixed in a Leaden Mortar.

Ung. Stipollonii Take Oil of Roses, eight Ounces, stir it in a
apud Gal. Leaden Mortar till it is black and thick, and put
 in the Powders of Litharge of Silver and Ceruss.

If they are callous, make an Ointment of Oil of Lillies
 Marrow of a Deer, Turpentine and Wax. If they are ma-
 lignant, Cure them as Fistulaes, of which in the Chapter
 following.

If their be Itch and Pain; Take *Diapompholigos*, *Populeon*,
 each an Ounce; Sugar of Lead, Camphire, each a scruple; make
 an Ointment.

Let the Diet be moist, of good Juice, Chickens, Veal, Kid
 rear Eggs, Mallows, Bugloss, Borrage; abstain from sharp
 and salt Meats.

C H A P. X.

Of Fistulaes in the Neck of the Womb.

MANY times there are Ulcers in these Parts, because
 they are soft, and easily corroded, and are hard to be
 cured.

Some of them are strait, others crooked some simple, o-
 thers hollow.

The Causes. If Matter stay there, it corrodes and makes
 Boroughs, and divides the Parts, and makes a
 Callous; and when the Matter is divided the Parts divided
 cannot unite.

The Signs. It is known by the figure of the Ulcer there is
 a callous Lip and a thin evil Matter, when it is
 pressed, flows out; there is no Pain, except it reach a sensi-
 ble part. Sometimes it reacheth the Bladder, and then the
 Urine comes forth at the Fistula. Sometimes the Fundament
 and then the Dung appears in the Fistula.

The Prognostic. A new Fistula is easier cured than any, and
 strait than old crooked. It is scarce to be cured
 in a Chacochemical old Body, when it pierceth into the
 parts adjacent.

The Cure. First use Universals and good Diet, then see if
 it may be cured by Medicines, or better left to
 Nature to evacuate Excrements thereby.

If the last is best, use a Pallative, Cure, by often purging
 and sweating twice a Year, and Injunctions and Strength-
 ners, and lay up a Plaister of Diapalma. If

If you hope for a Cure after Universals, give dying vulnerary Drinks, of Male Fern-roots, Centuary, Agrimony, Bettony, Ladies-mantle, &c.

Then use Topies; first dilate the Orifice (if it be strait) with a Sponge or Genitive-roots, then consume the Callous; but first make it soft with Oyl of Lillies, Deers Marrow, Turpentine and Wax.

Three things consume a Callous; Medicines, Cutting and Burning; if there is a new strait Fistula, use Gentian, black Hellebore Egyptiacum, or *Vigo's* Powder with a Pencil. Or, take Sublimate half a scruple, Rose or Plantain-water six ounces, set it upon Embers. If it be towards the Womb, take heed of strong Medicines.

If it be callous and foul burn it either by a Caustic or hot Iron. These are good in the outward of the Neck; then cleanse and heal.

CHAP. XI.

Of the Cancer in the Womb.

IT is seldom seen, and never cured; but here I shall speak of that in the Neck of the Womb, which is Ulcerated or not Ulcerated.

It is from Terms burnt and not burnt Humours that are black that flow thither. *The Causes.*

It is after long schirrhous Humours that have been immoderately softened. It is first not Ulcerately, and when the Humours are corrupt it is ulcerated.

They are hard to be known at first, because *The Signs.* it is a Tumour without Pain, and after there is a pricking in it, and a Pain in the groins, Loins and bottom of the Belly, The Tumour is hard, blue, with blue stinking Lips, When it is Ulcerated, the Symptoms are all worse, and there is a thin black stinking Matter. Sometimes much Blood that is dangerous, a gentle Fever, Loathing, trouble of Mind, the Cheeks are red from the Vapours that flie up from the Womb.

It is hard to be cured, because Medicines *The Prognostic.* are not felt, and strong exasperate; and the part makes it more hard because it is neglected at the first, and increaseth.

The Cure. Let the Physician prevent Ulceration: Or if it be to hinder the increase of it let Diet be against Melancholy, prepare and purge Melancholy.

This Powder for many Days given, is excellent, Take *Smaragus, Saphir, and East Bezoar stone, each a dram; give every Day three or four Grains with Scabions or Garduus water.*

Let the Tropies not be biting at first. But foment with Juice of Plantain, Nightshade, Purslane, or use Diapompholigos. Or, Take *Juice of Plantain, Nightshade, Purslane, each two Ounces; Mucilage of Fleabank an Ounce, Oil of Roses three Ounces: stir them in a Leaden Mortar.* Or, Take *Oil of Roses, of Eggs, each an Ounce and half; sugar of Lead a dram Camphire a scruple.* Or,

Take *Juice of Nightshade six Ounces, Tutty and burnt Lead, each two drams, Samphire half a dram: stir them long in a Leaden Mortar, and add Powder of Cray fish.*

Inject a Decoction of Cray fish: And if Pain be great, foment with Mallows, Althoea, Water-Lillies, Coriander, Dill, Fleabane-seed with Saffron in Milk: Or, make a Cataplasm of the same.

Some use Antimony, Arsenic, &c. which are good in other Parts. But this cannot bear them.

A Noble Woman had on the right side of her Face an ulcerated Cancer, and when all the *French, Italian, German, and Spanish* Physicians could not cure her, a Barber cured only with Chickens sliced thin, and laid on often every Day.

C H A P. XII.

Of a Gangrene, and Sphacal in the Womb.

Sometimes the whole Womb is gangrenated, and it is from the Privities that receive many Excrements to corrupt.

It is from an Inflammation and Ulcer not well

The Cause. cured, because the Part hath many Excrements, which easily quench the natural Heat, and then the Part mortifies.

There is an usual Heat in the Neck of the
The Signs. Womb and a Fever, with Horror all over the Body; then the colour changeth in the Part, it is black and blue, without Pulse or Sense. When it is cut or pricked, it stinks and the Strength decays, and the Heart faints
It is

It is very dangerous, and worse when it goes to the Womb than outward. Some have had the Womb fall out, and have lived, which besides. We saw at Avignon in an old Noble Woman Anno, 1635. *The Prognostic. Aëtius leth. 1. cap. 72.*

Stop the Putrefaction, take away that which is rotten, by scarrifying if you can, then wash with the Decoction of Wormwood Lupin, and with Ægyptiacum. and apply this Cataplasim: Take Orobis and Beanflour, each two Ounces, Oxymel a Pint, boil them and Lupines, Wormwood Aloes and Mirrh. *Nichol. Floreny. fer. 6. tr. 3. Math. degred. in 9 Rhafis c. de exitu matricis.*

Cut off the Dead Flesh, strengthen the principal Parts, the Heart, lest the Spirits be infected with evil Vapours that fly by the Arteries.

Give Conserve of Borrage, Bugloss, Gilli flowers Diamargarion frigid, Electuary of Gems frigid, Confection of Hyacinths, Syrup of Sorrel, Pomegranates, Borrage; and apply Epithems to the Heart. *In Observat. Venerius* cured a Noble Women aged twenty five. she had a Pustle in her privities in the Dog-days from violent Letchery with her Husband, and she used a Cataplasim from a silly Chirurgeon, and in a few Days it rotted, grew black and mortified, and went towards the Fundament very fast.

B O O K. IV.

S E C T. II.

Of the Diseases of the Womb.

C H A P. I.

Of the Knowledge of the Temper of the Womb.

M Ark Antony Ulmus, Physician of Bononia Lib, uterus. shews the Temper of the Womb. He muliebris faith, That a Beard in Women shews that they have hot Womb and hot Stones. It comes with the beginning of the Terms, and when the Breasts swell, and is hard to be seen.

Aristotle

Lib. 3. de lui.

Aristotle saith, That some Women have Hair on their Chin, when their courses stop, and when they have a hot Womb and Stones.

But there are more certain Signs of Heat.

1. When hard Hair comes forth suddenly, thick, black and long, and large about. If they come forth slow, thin, soft, yellowish, and but few, not spreading, the Womb is cold.

Also when the terms come forth at 12 Years of Age, it is sign of a hot Womb, and when they last long the blood is red hot, but not very much, In an old Constitution they come later, and the Blood is cold and waterish, and they end sooner. If it be hot and moist they flow plentifully, and last till after Fifty. If it be hot and dry, the Blood is yellow, thin and sharp, and prick the Privities.

If it be cold and moist, the Blood comes late forth with difficulty, and it is whitish and thin. If it be cold and dry, the Terms come forth very late, and with difficulty, and seldom continue till Forty, and the blood is thick and little.

The third Sign is from Lechery: For they who have hot Wombs, desire Copulation sooner and more vehemently and are much delighted therewith: They who are cold, do the contrary. The hot and moist are not tired with much Venery. The hot and dry have great Lust and a Frenzy if they want it: But they are quickly tired because they have but few Spirits. If it be cold and moist they are not so soon Letcherous, and are easily satisfied; and if they miscarry often, the Womb is made colder, and they delight not in the Sport: But Copulation doth them good, and makes them more Youthful. If it be cold and dry, they desire not a Man in a long time, and take no delight, because the Spirits are few.

The forth Sign is from often Conception: For the hot Conceive often, and bring forth Males or Viragoes if the Seed of the Man agrees with it. The cold doth the contrary.

A hot and moist Womb is very fruitful, if the Man be well tempered; and though he be old and weak, Yet she will Conceive by him. Sometimes they have Twins, or over-do, and have a Mole.

Hot and dry are fruitful, but not so much, as the former.

Cold and moist are hard to conceive, especially when they are in Years: when they are Young, and the Seed of the Man

Of the hot Distemper of the Womb. 151

hot and dry they conceive Males; but seldom well shaped or healthful? and the Woman while she is with Child, is sickly.

A cold and dry Womb is commonly Barren; and if they conceive, the Man's Seed is hot and moist; they bring forth females; and if Males they are tall, and quickly look old.

C H A P. II.

Of the hot Distemper of the Womb.

HEAT of the Womb is necessary for Conception; but if it be too much, it nourisheth not the Seed of the Man, but disperceth its Heat and hinders the Conception.

This preternatural Heat is from the Birth sometimes, and makes them Barren. If afterwards, it is from
not Causes that brings the Heat and the Blood *The Cause.*
to the Womb. From Internal and External
Medicines; too much hot Meats and Drinks, and Exercise.

They are prone to Lust, have few Courses,
Yellow or black, or burnt, or sharp, they have *The Signs.*
Hairs betime upon their Privities; they are sub-
ject to the Head-ach, and there are Signs of much Choler,
their Lips are dry.

When this Distemper is strong, they have *The Prognostic.*
few Terms, and out of order: They are bad
and hard to flow, and in time they are Hypochondriacs, and
for the most part Barren; and there is sometimes a frenzy
of the Womb.

Use Cooler. So that they offend not the Vessels *The Cure.*
that must be open for the flux of the Terms;
Therefore.

Use inwardly Succory, Endive, Violets, Water Lillies,
Sorrel, Lettuce, Sanders and Syrups, and Conerves made
thereof. As,

Take Conserve of Succory, Violets, Water-Lillies, Borrage, each
an Ounce; of Roses half an Ounce, Diamargariton frigid, Diatri-
ofantalou, each half a dram. with Syrup of Violets, or Juice of
Citrons, make an Electuary.

Outwardly use Oyntment of Galen's Coler, Oyntment of
Roses, Serat of Sanders, Oyl of Roses, Violets, Water Lillies,
Gourds, Venus-navel to the Back and Loins: Or make Cata-
plasm of Barley-meal, Roses powdered, Violets Water-Lillies,
Sanders

Sanders with Juice or Water of Platain, Water-Lillies, Succory, Lettuce, Oyl of Roses, Violets, Water-Lillies.

Baths are good to sit in, and cooling, Fomentations; and after, let her take some of the coolers mentioned. In great Heat. use this cooling Pessary.

Eraf. d Pass mul. cap 7. Take Opium, a scruple, Goose-grease two scruples: Wax and Honey each four Scruples: Oil an ounce, Whites of two Eggs.

This was from an Opinion the Ancients had, that Opium was cold: But take heed of the using it too much, lest the Narcoric Quality hurt.

Let the Air be cool, her Garment thin: Let her Meats be with Lettuce, Endive Succory, Barley: Give no hot Meats nor strong Wine, except it be waterish and thin, Rest is good both in Body and Mind. She must not Copulate, but she may sleep much.

C H A P. III.

Of the cold-Distemper of the Womb.

THIS causeth many Evils and Barrenness. They are contrary to those of a hot Distemper, cold
The Cause. Air, Rest and Idleness, and cooling Medicines.

The Signs. It is known by their not desire of Letchery, not receiving Pleasure in the time of Copulation, when they spend their Seed. The Terms are flegmatick, thick and slimy, and flow not rightly: There is Wind in the Womb, the Seed is crude, waterish, with a Gnorrhæa.

The Prognostic. It is the Cause of Obstructions and Barrenness, and is hard to be cured.

The Cure, Use things proper to heal the Womb, as this Water

Take Galangal, Cinamon, Nutmeg, Mace Cloves, each two drams; Ginger-cubebs, Zedoary, Cardamons, each an ounce, Grains of Paradise, long Pepper, each half an ounce: Beat them, and put them in six Quarts of Wine for eight Days, add then Sage, Mint, Balm, Motherwort, each three Handfuls: Let them stand eight Days more then pour off the Wine, and beat the Herbs and the Spices, and then pour on the Wine and distil them.

Another,

Of the moist Distemper of the Womb. 153

Another. Take Cinamon, Nutmegs, Cloves, Mace, Ginger, Cubebs, Cardamoms, Grains of Paradise, each an ounce and half; Galengal, six drams, long Pepper half an ounce. Zedoary, five drams, bruise them, add six Quarts of Wine, put them in a Cellar nine Days, daily stirring them, then add Mint two Handfuls, then let them stand fourteen Days, pour off the Wine, and bruse them, and then pour on the Wine again, and distil them.

Quercetan hath an Hysteric Extract, a great- In Pherdos-
er and a less; use outwardly Fomentations, Baths, ressit. c. 25
Baggs of hot Roots, as Birthwort, Lovage,
Valerian, Angelica, Burnet, Masterwort, Calamus, Maddar,
Elicampane, Orris and Herbs: As Mugwort, Balm, Mo-
therwort, Savin, Penny-Royal, Calamint, Origan, Dittany,
Marjoram, Rue, Bettony, Rosemary, Lavender, Sage, Stœ-
chas-flowers, Seeds of Smallage, Parsly, Rue, Carots, An-
nise, Fennel, Cummin, Lovage, Parsly.

Anoint with Oil of Lillies, Rue, Angelica, Bays, Cinna-
mon, Cloves, Mace, Nutmeg. Or, Take Labdanum two ounces,
Frankincence, Mastic, Liquid utorax, each half an ounce; Oil of
Cloves; Nutmegs, each a scruple; of Lillies, Rue, each an ounce,
with Wax make a Plaister.

A Fume. Take Frankencense, Myrrh, Mastic, each a dram;
Bayberries a dram and half, Labdanum two drams Storax, Cloves,
each a dram, Gum Arabidcane Wine, make Troches, or Pessaries
of the same.

Let the Diet be warming, and the Air, the Meat of
easie Concoction seasoned with Annise, Fennel, Thyme,
Avoid Milk-meats and raw Fruits.

C H A P. IV.

Of the moist Distemper of the Womb.

THIS is commonly joined with a cold Distemper, and
causeth Barrenness, and is from the same Causes, a
cold Distemper: For commonly cold things do moisten.
It is commonly to Women that are Idle.

They that have moist Wombs, abound in The Signs.
Courses, but they are waterish and thin; the
Privities are wet, they have the Whites and desire not to Co-
pulate much, and delight not in it; they retain not the Seed:
and if they conceive, when the Child is big, they Abort or-
Miscarry. If it

The Prognostic. If it last long, it is hard to be cured, If it be much, they conceive not.

The Cure. It is by Driers, and things that cure the cold Distemper, are good again the moist: Because all Healers have a drying Power.

Use Sulphur Baths and Injections. Beware of Astringents, lest the evil Humours be stopt, and the Disease increased.

CH A P. V.

Of the dry Distemper of the Womb.

IN this the Womb is hardened, of it self it is fleshy and soft, and moistned by Blood for Conception.

It is sometimes from the Birth or old Age, when they are past Child bearing. If it be from drying causes, they are Barren before they are old.

Diseases and Medicines dry the Womb, as Inflammations, Fevers, and when Blood flows not to it, nor goes

The Cause. to the bottom of it, by Reason of the straightness of the Veins, or Obstructions, as in *Viragoes*, and such as never conceived; and if they void any Blood it is from the Neck of the Womb, and not from the Bottom.

They void little Seed, and are slow in Venery, the Terms are few, the Mouth of the Womb is dry, and

The Signs. they are slender, of a dry Constitution, their lower Lip is always chapt, and blackish red.

The Prognostic. This Distemper is hard to be cured in any part, especially if it be Old.

The Cure. Use Moistness; as Borrage, Buglos, Mercury, Mallows, Althæa, Violet, sweet Almonds, Pistachia's, Pine-nuts, Iujubies, Dates, Figs, Raisins.

Of which are made Syrups, Conserves, Emulsions, Candies, &c.

Outward Remedies are made of the same, adding Thyme, Fenigreek-Seeds, Lillies, Brankursine, Pellitory, &c.

Fomentations are made with Milk; and after Bathing, anoint the Region of the Womb and the Belly, to the Privities, with Oyl of sweet Almonds, Lillies, Linseed, Jesamin, Flew-butter, Hens and Goose-grease.

Let the Diet be moistning, the Air moist, the Meat Fattning, of much Nourishment and small Excrement. Let Sleep

Sleep be a little longer than usual: Great Labour, Anger, Sadness, Fasting do hurt.

C H A P. VI.

Of Compound Distempers, and first of Cold and Moist.

T H E R E is seldom a simple Distemper in the Part, and commonly there is Matter which feed it. It is usually cold and moist, which gathers Excrements of that sort, either in the whole Body, or in the Womb after the Terms.

All things that breed cold and flegmatick Humours in the whole Body, or the Womb. *The Causes.*

They conceive not, and are of ill Habit of Body; the Terms seldom flow right. and they have sometimes Whites. *The Signs,*

If it is harder to cure than a simple Distemper. *The Prognostic.*

The cold Humour is 'in Fault; therefore prepare it with Syrup of Mugwort, Mints, Betony, Hyssop, with a Decoction proper. *The Cure.*

As, Take *Fennel-Roots an ounce, Valerian, Elicampagne, Masterwort, each half an ounce; Penny royal, Mugwort. Motherwort, Nip, Majoram, each an Handful; Rosemary and Sage-flowers, each two pugils, Silver Montane Fennel, Anniseed, Parsnep-seed each a dram: Boil them to ten ounces strained, and Sugar, Syrup of Mugwort two or three ounces, Cinamon-water, half an ounce: Make a Potion for three doses,*

Then Purge it with Agaric, Mechoatan, Turbith, and if others be mixed with Flegm. and Senna, and the like: Or use Pills De tribus, Aloephanginæ, Mastic, of Hier with Agric fine quibus: Or, Take Agaric a dram and half, Sennat two drams, infuse them in Magwort water, to three ounces strained, add Diaphenion or Diacarthanum two drams, strain and add Syrup of Mugwort half an ounce, Cinamon water half a dram.

After universal Evacuation, use Pessaries. As, Take Mercury, bruise it and put it in a bag of white Silk, anoint with Butter or Honey of Roses.

Or Take *Benedicta laxativa three drams, Agarec two drams, Gith-seed a dram, Pease-meal six drams with Juice of Mercury, make Pessaries, in a Sarsnet-bag. Or Take Hiera a dram Agaric half*

half a dram, Bdellium a dram, with Honey make a Pessary, or make it with the Powder of Agarick and Troches of Col. quintida, or five Sweats of Guajacum, China and Sarfa. As,

Take Guajacum a pound or eighteen ounces, infuse them in twelve pints of Water twenty four Hours, then boil them to the Consumption of a third Part, give six or eight ounces hot in the Morning, and let her sweat.

Poor Water to the Reliques, and boil them to the Consumption of the third part for an ordinary Drink.

You may use China and Sarfa the same way, and because in a Dicoction some Strength is lost, and so great a Quantity is tedious for Women, you may distil them, and give a less Quantity with things proper for the Womb.

As, Take Guajacum a pound, or Sarfa eight ounces, Angelica, Elicampane each an ounce, Mugwort two handfuls, Dittany half an handful, and six pints of Water or Wine, steep them two days, then distil them, and give two ounces of the Water.

Let her Meat be roasted, Birds, Hens, Capons: Patridges, Mutton, sweet Almonds, Raisins. Let her abstain from salt and sharp things.

If these sweets are unpleasant, give them in the third and fourth Chapter Internal and External. As, Take Conserve, of Marjoram, Rosemary, Bettony, each two ounces; of Balm an ounce Diamsocba, dulcis, Diamrgariton calid each a dram; candied Eryngus and Citrons each half an ounce; with Syrup of Mugwort make an ElecTuary; and use Baiths to fit in mentioned.

Drying Spaw-waters are good to drink: or to sit in.

Let the Diet be as in Chap. 3. and 4. and give the Flesh of wild Mountain-fowl, Pidgeons Hens, Capons, Mutton Roasted and Spiced, and Old Wine, and let her exercise.

*Of the hot and dry Distempers of the Womb
with Choler.*

Do as in Chap. 5. Purge the Choler, whether it be from the whole Body, or from the Liver, with Syrup of Roses, Manna, Tamarinds, Rhubarb, Senna, &c,

C H A P,

C H A P. VII.

of the ill shape of the Womb, and first of the Straitness of it and its Vessels.

THIS is a Disease of evil Conformation from Nature when it can be stretched out no further, this makes an abortion in the fourth or fifth Month.

But it is wonderfully in its natural shape when it will stretch according to the Proportion of the Child, and after Child-bearing be as small as at first.

Of the Straitness of the Vessels of the Womb.

This is usual and hinders the flux of the Terms and Conception, it is in the Vessels of the Womb and of the Neck thereof.

Are thick tough Humours that stop the Mouths *The Cause* of the Veins and Arteries: These are bred of gross or such Nourishment, when the Heat of the Womb is too weak, that it cannot attenuate the Humours, these either flow from the whole Body, or are gathered in the Womb.

Sometimes Vessels are closer by Inflammation or Schirrus or other Tumours. 3. They are stoppt by a stringent Medicines. 4. By Compression. 5. From a Scar or Flesh, or a Membrane that grows after a Wound.

Stoppage of the Terms shews Straitness, which *The Signs* hinders Conception: And this Stoppage is known by Crudities abounding in the Body, which are known by their Signs. Sometimes thick Flegm comes from the Womb if there was a wound before, or the Secundine was pulled out by force:

Stoppage of the Terms from an obstruction *The Prognostic.* by Humours, is hard to be cured; if it be from disorderly use of Astringents, it is more curable: If it be from a Schirrus or other Tumour that compresseth or closeth the Vessels, that cannot be cured the Disease is incurable.

Obstructions are taken away by the Means mentioned in the Cold and moist Distemper of *The Cure.* the Womb: Flegm must be Purged, and she must be let Blood, as in the Stoppage of the Terms.

After Universals, come to the Obstructions with Medicines that move the terms: These take away the Cause as in the Chapter of the coldest Distemper of the Womb.

Take

Take *Asparagus roots*, *Parsly-roots*, each an ounce: *Madder-roots* half an ounce, red *Pease* half a handful, *Penny-royal*, *Calamints*, each a Handful, *Wall-flowers*, *Dill-flowers*, each two pugils; boil, strain, and add *Syrup of Mugwort* an ounce and a half.

Or, Take *Birchwort* and white *Dittany-roots*, each an ounce, *Costus*, *Cinamon*, *Galengal*, each half an ounce, *Rosemary*, *Penny-royal*, *Calamints*, *Betty flowers*, each a Handful *Anise* and *Fennel-seed*, each a dram, *Saffron* half a dram with *Wine*.

Or use *Topicks*: As Take *Mugwort*, *Marjorum*, *Calamints*, *Mercury*, *Penny-royal*, each two Handfuls; *Sage*, *Rosemary*, *Bays Cammomil-flower*, each a Handfuls boil them in *Water*, foment the *Groins* and the *Bottom of the Belly*: Or let her sit in a Bath up to the *Navel*; and then anoint about the *Groin* with *Oyl of Rue*, *Lillies*, *Dill*, &c.

Or use *Pessaries* and *Fumes* mentioned.

If *Straitness* be from other *Diseases*, cure them first.

C H A P. VIII.

Of the opening of the Vessels of the Womb beside Nature.

THIS is when there is great bleeding

The *Vessels* are opened preternaturally three Ways, by
The Causes *Anastomosis*, *Diæresis*, and by *Diapedesis*, as in the
Lungs. *Anastomosis* is from much *Blood* which
the *Liver* doth produce, and send out by the *Womb*, as in
some by the *Nose*.

For the *Blood* being thin, hot *choleric* and sharp opens
the *Mouths* of the *Vessels*, and causeth a flux.

Diæresis is from much *Blood*, when there are is great *Mo-*
tion, when there is long *Copulation* with a strong *Man* that
hath a great *Tool*, or a hard *Travail*, or *Abortion*, a *Fall* or
Stroke; also when sharp *Humours* corrode or sharp *Pessaries*.

The Signs. *Diæresis* is from the *Thinness* of the *Vessels*, and
Looseness, and the *Thinness* of the *Blood*, or from
much *Moisture*, or use of *Baths*.

Much *Blood* is a *Sign* the *Vessels*, are open: you shall
know the *Causes* that open them thus; in *Anastomosis* the
Blood drops, and is thin, add there are *Signs* of much *Blood*,
or sharp and thin.

If there be a *Diæresis* the *Blood* flows more and there are
Clodders, and there were *Causes* that broke the *Vessels*, as
sharp *Suppositories*.

Diapedesis

Diapedesis is known when the Woman is of a thin and loose Habit of Body, the Blood thin, or she hath used much Bathing.

If the Vessels open from much Blood in a found Body there is less Danger: And it is easier cured than in a *Cacochymy*. *The Prognostic.*

In an *Anastromosis* give things that thicken without slime, as *Roses, Myrtles, Medlar, Services, Pomegranate-peels and Flowers, Sanders, Corals, Harts-horn, Cyprus-nuts.* *The Cure.*

In *Diæresis* give things that thicken with slime; *Comfrey, Plantain, Gum traganth, Whites of Eggs, troches of Amber, Bole, Starch, Rice, Quince; Sanguis Draconis Sarcolo and Isinglass.*

But because there are divers Causes, and these Diseases are not cured but by taking them away, we shall speak of them in the Chap. of immoderate Terms.

CHAP. IX.

Of a double Womb, the wanting of a Womb, and evil shape of the Womb, and strange things found in it.

Julius Obsequens saith, that one Woman had two Womb, and *Baubinus* saith that a Maid had her Womb in two Parts, as in Bitches.

Columbus saith, that one wanted a Womb, *Lib. 15. anat.* but her Privities were as in other Women and Part of the Neck of it hung out.

Worms in the Womb.

Hippocrates writes that Worms are *Lib. de morb. mul.* found in the Womb. And *Gynæcea*

writes, it is a sign that Nature is wanton &c. And *Jean de Tormira* writes that he saw a Woman that had an intolerable itching in her Womb from the *Ascarides*; he gave a Womb Clyster of the Decoction of Wormwood and *Hiera*, and she voided many small Worms, and was cured.

An Addition

* Wheresoever foul Humours stop in any Parts, it is no Wonder if it breed Worms, if other Things agree which are required for the breeding of them.

Fat and Hair found in a Womb.

Cont. obser. *William Fabricius* mentions, that in a dead
5. *obser.* 59. Woman the Womb was taken out, and it weighed eighty-seven Pounds and was full of divers

divers Humours: In the middle there were Hairs like Yellow Wool.

An Addition

* This was by Magic, or a Humour lay there fit to breed this strange Matter by preternatural Heat.

Stones bred in the Womb.

Lib. 5. de morb. mulier. c. 11. Mercurilis doubts of Stones being bred in it: But thinks it is clotted Blood like Stones.

Lib. 5. opia. But it cannot be denied which many worthy Authors write, First *Hippocrates* writes, that a Woman of sixty, after Noon always was pained as one in Travail, after she had eaten many Leeks she had one Fit worse than the rest, and she arose, and found something rough in the Orifice of her Womb, and she fainted: And another Woman thrust in her Hand, took out a great Stone and the Woman recovered.

Ætius also saith, Hard *ucones* are bred *Tetrab 4. scem. in the Womb sometimes, &c.*

4. c. 98. *Nicholas Florentine* and *Marcellus Donatus* say the same.

C H A P. X.

Of the Magnitude of the Womb increased, and first of the Inflammation of the Womb.

Math. de grad. in 9. Rhafis. I Nflation is a stretching of the Womb with Wind: It is called by some a windy Mole

See *athew de Gradibus* and *Thadeus Hun. lib. miscel. c. 8.*

The Causes. This Wind is from cold matter either thick or thin, contained in the Veins of the Womb, which overcomes the weak Heat of the Womb. It is gathered there by cold Meats and drinks, or flows from other Parts. Cold Air may be the Cause also, if Women that Lye-in expose themselves to it. This Wind is contained either in the Cavity of the Vessels of the Womb, or between the Tunicles.

The Signs. There is a Swelling in the Region of the Womb, sometimes reaching to the Navel, Loins and Draphagma; and as Wind increaseth or decreaseth, it riseth or abateth. It is different from a Dropsy, because it is never swollen so high.

And

And lest a Physician be deceived, and take it for a Conception; observe the Signs of Women with Child: For if one Sign be wanting you may suspect an Inflation. Also in Inflation the Tumour increaseth and decreaseth: But in Conception it still increaseth, Moreover, if you strike upon the Belly, there is a Noise, but not in Conception.

It differ from a Dropsy in the Womb: For there is no such Heaviness, they move more easily, and the Belly is not so swelled, there were Causes that bred Wind, and things against Wind do good.

It differs from a Mole: For there is in *2 De morbis mulier.* that a Weight and Hardness in the Belly, and when they move from one side to another, they feel a Weight that moveth which is not in this, of which *Hippocrates*. The Feet and Face swell in the hollow parts; the Colour is bad, the Terms are stop, there is Wind, &c

If the Wind is without the Cavity of the Womb, there is more Pain and larger, nor is there a Noise, because the Wind is in a straiter Place

It is neither a lasting nor a deadly Disease *The Prognostic.* if well looked after. If it be in the Cavity of the Womb, it is easier discussed.

Give Hiera: Diaphœnicon with a little Castor, sharp Clysters that also expel Wind. If it be in Travail, purge not till she be Delivered. *The Cure.*

Bleed not because it is from a cold Matter: If it comes after Child-bearing, and the Terms were not sufficient after and there is fulness of Blood, open the Saphæna.

After these give things mentioned in a Tympany that respect the Womb. As, Take Conserve of Bettony, Rosemary, each an ounce and half, candid Eryngus, Citron-peel, each half an ounce; Diacomium, Diagalengal, each a dram; Oil of Anniseed six drops. with syrup of Citrons, make an Electuary.

Or, Take Conserve of Rosemary, Balm, each three ounce; candid Citron and Oranges, each an ounce; Diacymum a dram, with syrup of Citrons make an Electuary.

Or give the Woman Aqua Vitæ, or this, Take Angelica-root two ounce; Masterwort, Elicampane, Orange peel, each six dram; Calamint, Penny-royal, Rue, Sage, Rosemary, each a handful; Cummin, Fennel, Anniseed, each half an ounce, Juniper-

berries a handful, Zedoary, Galengals Cubeb, each half an ounce; with good Wine distil them give a spoonful or two. Apply outwardly a Cataplasm of Rue, Mugwort, Camomil, Dill, Camomils, Nip, Penny-royal, Thyme with oil of Rue, Choir, Camomil, and make Baths of the same Bags of Milium, Salt, Camomil-flowers, Melilot, Bayberries, Cummin. Fennel-seed, or lay a plaster of Bayberries.

Let Clysters to expel Wind be put into the Womb. As, Take Calamint, Agnus Castus, Rue, each half an handful; Anniseed, Castus, Cinnamon, Rue, each two drams: boil them in Wine for half a pint.

Apply a Cupping-glass with much Flame to the Breast, and over against the Womb.

Use Sulphurs Bath and Spaw Waters inward and outward, for they expel Wind.

If it comes from Cold after Child-bearing, and she is not well purged by her Terms; heat the Womb, and purge and give strong Wine.

The Diet. Let her Diet be hot, cutting and attenuating, with things that expel Wind and little at a time.

Quest. Whether the Wind is in the Cavity, where there is Inflammation of the Womb?

It is so by experiance, though some deny it; nor is there any Cause why Wind should not be bred in the Womb as well as in any other Parts; both by Reason of the Excrements that come thither, and the natural Heat that turns them into Wind: These all stretch the Womb (though it be thick) as in Dropsies and Conception. Also the retentive or altering Faculty of the Womb is never idle; so that when it receives diseased and unfruitful Seed, it suffers it not to corrupt, but turns it into Wind. As Hippocrates

Liber de nat pueri. writes When the Womb is stretched by Wind from the Belly, Women think they have Conceived.

CH A P. XI.

Of the Dropsy of the Womb.

*Ves. lib decorp
bun. Fab. Mar
Deist. memora.
14. c21. Tertab.
6. 4. ser. 4. c 79.*

THEY are all deceived. and think they are with Child, when there is Water that swells the Womb. This is a Dropsy of the Womb. This Water is either in the Cavity, or between the Coats of the Womb, or in its

its Vessels, *Verfalius Marcellus Donatus*, shew that the Water is in the Cavity: For it doth not presently by its plenty or Quality force it Passage out because the Orifice is not always open, and Nature gathers it by degrees, and is used to it.

Ætius saith, There are sometimes Bladders of Water in the Womb. And *Christopher Vaga* saith, that *Leonary* thought that she had gone six Months, and then voided sixty Bladder of Water and seven Pieces of Flesh like that of the Spleen of the Membranes.

There is sometimes a Dropsy of the Womb. *Lib. 4. obser.*
with Conception, as *Schenstius* and *William Fabricius* saith of his own Wife. *cent. 2. obser.*
56.

Are gathering of Water from Moistness mixed with the Terms, and with an evil Sanguification *The Causes.*
in the Liver and spleen from their weakness or from Errors in Diet; or from weakness of the Womb, from hard Travail or often Mischances, cold Air or Water, or whatsoever hurts the Heat of the Womb.

Also Stoppage of the Terms doth cause gathering of Water, for the Water used to be evacuated with them. Many take this for the only Cause.

Sometimes the Tunicles of the Womb may be devided in some Place, and Water may be gathered between them.

Hippocrates saith, the Terms are fewer and cease before the time: The bottom of the Belly swells, *The Signs.*
and the Paps are soft, without Milk, and she *1. De moab*
thinks she is with Child, by these you know it is *mulier.*
a Dropsy.

But because Doctors and Midwives are often deceived, you must distinguish this from other Swellings.

When a Woman is found and useth a sound Man, the Womb by degrees sweels, and the Child moves in its time; but often there is a Dropsy with Conception before or after: Therefore in a Dropsy the Tumour is equal, according to the largeness of the Womb and Belly, and not pointed as in a Woman with Child.

Secondly, If the Woman be in Years, and hath not Conceived before, and hath a good Colour, it is a sign of a
H 2 Dropsy

Dropfy rather than a Conception. If the tenth Month be past and the Child moves not nor the Breasts swell, but are soft, say, there is a Dropfy of the Womb. Thirdly, In a true Conception, Women are better after some Months, and the Symptoms abate : But in a Dropfy they increase still.

It is distinguished from a Mole by the weight in the bottom of the Belly.

From an Inflation, because the Belly is stretched in that sounds being stricken : But is soft in a Dropfy.

It differs from the Dropfy of the Belly. because the Face is pale or wan, in that from the Distemper of the Liver there is thirst, but in the Womb Dropfy, she is of a good Colour, except the Liver be also bad.

It differs from Inflammation in the Womb : For that is with a constant Fever, and the Symptoms of it, and from other Tumours which are harder : But in a Dropfy of the Womb, if the Belly be press'd it yields.

You shall know whether it be from the fault in the Womb principally, or from some other part, thus : If the Womb be of good Colour, and there were only some Diseases and Causes that might hurt the Womb, as Abortion, hard Travail, stoppage of the Terms, or too many of them, then the Womb is chiefly affected : but if there be Signs of a Distemper in the whole Body, or in the Liver or Spleen and the Colour is bad, it is consent from other Parts.

You shall know whether the Water be in the Bladders, or in the Cavity of the Womb thus ; If you find the Orifice of the Womb closed, and there is little Pain, it is in the Cavity ; but if the Orifice be open, and there is great Pain, it is in Bladders, or without the Cavity.

If the Humours in the Womb be not
The Prognostic. corrupt, this disease is of long continuance but may be easily cured, It is easier cured in the Cavity ; then when it is in Bladders and between the Tunicle, A Woman after Conception having a dropfy in the Womb, her Child dieth and she is in Danger.

When it is from stoppage of Terms and new,
The Cure. and the strength firm, open a Vein in the Legs, otherwise Bleed not.

Purge

Purge according to the Humour, with respect to the Womb, as in *Chap. 6.* of a cold Distemper

Then Purge Water. Take *Angelica* and *Madder Roots*, each half an Ounce; *Calamint*, *Penny-royal*, *Mugwort*, *Lowage*, each a handful; *Savin* a pugil; boil them in Wine, and sweeten it with Sugar; or make Broths with the same. Take *Dianthus*, *Diagalengal*, each half a Dram; Oil of *Aniseeds*, *Cloves*, each five drops; Sugar three ounces, make Rolls.

Inject into the Womb as Dropsies. Take *Asarum-roots*, three drams, *Penny-royal*, *Calamints*, each half a handful; *Savin* a pugil, *Mechoacan* a dram, *Aniseed*, *Cummin*, each half a Dram; boil them, and take six Ounces strained: Oil of *Elder* and *Orris* each an Ounce. Make a Clyster, or use Pessaries. Take *Agric* a Dram; *Colquintida* half a Dram; *Guadium* ten Grains, with Honey and Wool, make a Pessary.

Make Fomentations and Baths of *Danewort*, *Mercury*, *Elder*, *Penny-royal*, *Origan*, *Camomil-flowers*, *Bayberries*, wild Cucumbers, *Broom*, *Carrot*, *Rue-seed*. And anoint after with Oil of *Elder*, *Danewort*, *Orris*, with Drops of Oil of *Angelica*, *Anise*, *Caraway*.

Sulphur Baths are good, and those of *Mitre*, or the Plaister of *Bayberries*, or *Snails* to the bottom of the Belly, Vomiting and Sneezing break the Bladders. Give Clysters at the Fundament, as in Dropsies. Take *Mercury Leaves*, *Danewort*, *Soldanella*, *Mugwort*, *Motherwort*, each a handful; *Camomil*, *Elder*, *Broom-flowers*, each a dram; boil them, and to ten Ounces strained, add Juice of *Bees*, *Mercury*, *Danewort*, each six drams; *Boy's Urine* an Ounce and a half; *Hiera* six Drams, Honey half an Ounce, make a Clyster.

Let Diet be drying, as in *Chap. 5.*

CHAP. XII.

Of the Tumour in the Womb, from Blood in the Veins.

THIS Disease makes Women think they are with Child also: For Blood long detained in the Veins about the Womb, stretcheth them outwardly, and twisteth them, and the Veins in the Substance of the Womb are full and stretched, and make it larger; but when the Terms flow, it falleth again, except there be a Cachexy or Dropsy. This is

only from stoppage of Terms, and is cured by provoking them.

C H A P. XIII.

Of the Inflammation of the Womb.

IF the Blood that come to the Womb, get out of the Vessels into its Substance, and grow hot and putrify, it causeth inflammation, either all over, or in Part, before or behind, above or below, on the right or left Side.

The Causes. Blood is the immediate Cause, which is pure or mix'd, therefore the Inflammation is either an *Erysipelas*, *Odema*, or *Scribus*, as *Flegm*, *Melancholly*, or *Blood* abound. Blood is either sent to, or drawn by the Womb: By Heat or Pain it is sent to it, when it aboundeth, or it is hot or thin, as when the Blood is moved by hot Air, Exercise, Passions, Anger, or hot Diet.

Their Signs There is a Tumour with Heat and Pain in the Region of the Womb, with Stretching and Heaviness in the Privities; and if you put in your Finger you'll feel the Heat, and the more Pain. There is a Fever, sometimes called *Zapryra*, when there is Cold without and Heat within. The Tongue is dry and black with watching, clotting, tossing too and fro, the Breasts are puff'd up and pained. There is Head-ach to the Roots of the Eyes, and a Pain in the Groins, Hips, Midriff, Pleura, and Shoulders: Short-wind, and like a Pleurisy, with Loathing, Vomiting, Hiccups: The Belly is bound, the Pulse is small, and often weak, but at first darting and quick.

2 *Demorb.* and *Hippocrates* saith, *If the Womb be inflamed, mulier. the Terms are stopt, and the Neck of it is like a Spider's Web, with many small Veins, &c.*

If it be inflamed before, the Pain is about the Pubes, and the Urine is stopt. If behind, it is in the Loins, and the Belly is Bound. If it be inflamed in the Bottom, the Pain is towards the Navel. If it be from pure Blood, the Symptoms are less; if from Choler, stronger; the thirst is more, the watching greater; if from Melancholy all are worse.

If it be all over the Womb, it is dangerous, *The Prognostic.* and few escape it. An *Erysipelas* in a Woman with Child is deadly, because there is an
Abortion,

Abortion, and the Mother dies: The worse the Symptoms, the greater is the Danger. And it is safer to discuss an Inflammation than to ripen it; if it turn to a Schirrhus, it is lasting, and makes a Dropsy.

If it be not after Abortion, or a Flux of *The Cure*. Blood, open the Vein in the Arm, or cut and scarify the Shoulders. Bleed not in the Foot, lest you draw Blood more to the Womb; but afterwards to derive, if it be from Terms stopt, you may. *Gal 2. ad. Galen saith, You may divert the Blood by bleeding Glau. c. 2. in the Arm, or cupping the Breasts; and you may derive it by opening the Ankle-Vein, and cupping upon the Hips.*

If there be Cholera, purge it with Syrup of Roses, Manna, Rhubarb, Decatholicon; and use not strong Movers of the Terms.

Use Alterers and Coolers, as Juleps and Emulsions, and provoke Sleep; and if there be Dotage, give Narcotics.

After the Universals, use Repellers and Anodines. As Take Housleek, Parslane, Lettuce, Venus-navel, Vine-Leaves, each half a handful; boil them in Wine and Barley-meal, two Ounces, Pomegranate-flowers two Drams; boil a Dram with Oil of Roses, made a Pultis: Or, Take Diachylon simple two Ounces, Juice of Venus-navel and Plantain, each half an Ounce; Oil of Roses an Ounce, Sugar of Lead a Dram, make an Ointment in a Leaden Mortar.

Make Injections of the same Herbs, or of Milk, and Rose-water. Or, Take Plantain, Venus-navel, Lettice, each a handful; red Roses two pugils, boil, and add Oil of Myrtles, an Ounce; Rose-vinegar, half an Ounce; make an Injection.

Make Clysters of the same Plants in a small quantity, lest they oppress the Womb,

Take Althæa Roots an Ounce, Mallows, Violets, Lettice, each a handful; Night-shade half a handful, Violets, Roses, each a pugil; sweet Prunes ten, Linseed half a Dram; boil them in Barley-water, to six Ounces, add Oil of Roses three Ounces, made a Clyster.

An Anodine Fomentation: Take Roots of Althæa, Mallows and Violets, each a handful; red Roses, Melilot, Camomil-flowers, each a pugil; boil them for a Fomentation.

Or, use a Cataplasm of white Bread and Milk.

In the Progress discuss: As, Take Powder of Althæa Roots an Ounce; Camomil and Melilot-flowers, each two Drams; Mugworth half an Ounce; Barley and Bean-flower, each an Ounce; boil them in sharp wine, add Hog's-grease, Oil of Camomil and Lillies, each an Ounce; make a Cataplasim.

If the Inflammation turn to Matter, ripen it: As Take Powder of Althæa-Roots, Camomil-flowers, Melilot, Linseed, Fœnugreek, each an Ounce; Figs eight; boil them, and the Yolks of four Eggs, and half a Scruple of Saffron; make a Pultis.

After it is ripe, break it by motion of the Body, Coughing, Sneezing, Cupping, or by Pessaries: As Take Figs an Ounce, Rue half a handful; boil them soft, add Honey and Leaven, each half an Ounce; Pigeons-dung, Orris-roots, each half a Dram; with wool make a Pessary.

After it is broken, the Pain abates, then clean and heal the Ulcer, as in *Seet. 1. Chap. 8.* of an Ulcer of the Womb. If it break about the Bladder, give an Emulsion of cold Seed, Whey, and Syrrup of Violets.

Let the Diet be cool, with Barley-water warm. Abstain from wine; to the Declination of the Disease, let the Belly still be kept loose.

C H A P. XIV.

Of a Scirrhus, and Cancer in the Womb.

AN earthy Matter, left after an Inflammation, makes a hard Tumour, call'd a *Scirrhus*, and sometimes is without an Inflammation. It is a proper *Scirrhus* when there is

neither Sense nor Pain; it is improper when *Pæreus l 23.* there is a little Sense. It is sometimes as big as

c. 35. a Man's Head; sometimes the whole womb is a *Scirrhus*; sometimes only part of it. The

The Causes. immediate Cause is a thick earthy Humour, as natural Melancholly, when a thick Humour is gathered in the womb, there is a *Scirrhus* without Inflammation, foregoing; this is usual in melancholly women, and such as are not cleansed by their Terms, or have the *Pica* or *Green-sickness*, and are fifty Years old.

Other Humours sometimes breed a *Scirrhus* after Inflammation, when cold Astringents have been used disorderly: Or
when

when the Humour is fix'd to the Part, and harden'd. The same may be from hot Discussers, which send forth the thin Matter in an Inflammation, and fasten the thick.

The Tumour is to be felt, it yields not, and is without Pain, the Terms flow not at first, or *The Signs.* very little; and afterwards there is a great Flux of Blood. If an Inflammation went before, and the Part is heavy and burthen'd, it is a Sign of a *Scirrhus*. She is unweildy, slothful; and you may know from what Humour it is, by the Signs of the Humours predominating in the Body, and the Part pained will shew you what Place it is.

A *Scirrhus* easily turns into a Cancer. And when the Terms are stopt there is a Dropsy of *The Prognostic* the womb or belly. It is easier cur'd in the Neck, than in the womb itself.

Moisten and heat the cold and dry Humour *The Cure.* with Borrage, Bugloss, Fumitory, Succory, Epithymum, Polypody: Then purge with Polypody, Senna, Black Hellebore, and the like. *As, Take* Roots of Althæa, Lillies, each two Ounces; Mallows, Violets, Althæa, brank-ursine, each a handful; Fœnugreek and Linseed, each half an Ounce; boil them for a *Fementation* or *Bath*, or to a Cataplasm with Linseed, Fœnugreek, each an Ounce; Figs six, Orris-powder two Drams; Saffron half a Dram; Hen's grease and Oil of sweet Almonds, as much as is fit. Or, *Take* Bdellium, Ammoniacum, Galbanum, each as much as you please; beat them in a Mortar, with Oil *de Bebn* and Lillies, and Mucilage of Fœnugreek, Linseed, Figs, make a Liniment, or with wax a Plaister.

Or, Take Oil of Capers, Lillies, sweet Almonds, Jessamine, each an Ounce; fresh butter, Hen's-grease, Goose-grease, each half an Ounce; Mucilage of Fœnugreek, Althæa and Ointment of Althæa, each six Drams; Ammoniacum dissolv'd in wine an Ounce, with wax make an Ointment.

Make Injections thus: Take Bdellium dissolv'd in wine, Oil of sweet Almonds, Lillies, Camomil, each an Ounce; with the Yolk of an Egg.

In a bastard Scirrhus, you may use Healers and Digesters better, and Ammoniacum, and hotter Fats.

Internal Medicines are Steel, &c. of which in Obstructions of the womb, and Scirrhus of the Spleen.

As for Diet, abstain from breeders of gross and slimy humours, and from hot Driers.

Cancer of the Womb.

What may be said of this is said before, only a Cancer may seize upon the Substance of the womb, but it is more usually in the Neck of it.

CHAP. XV.

Of the displacing of the Womb, and first of the Ascent of it.

WHEN the womb falls out of the Privities, it is call'd *Procidentia uteri*; this is ordinary. But the Ascent or going up of the womb, is more unkind. Many grave Anatomists hold, That the womb doth ascend if sweet Things are apply'd to the Nose. *Eustach rud. lib. 2.* If to the Privities, that it descends. *pract. cop. 5.* If stinking Scents come, the womb flies from them, and it is to be seen by breathing alter'd, and by some Meats that the womb greedily desires, and catcheth up.

Galen overthrows this Opinion, and saith, that the womb doth move after a sort, and ascend, but is very little, and not to be demonstrated. *6 De lo. off. c. 5.* nor can it arise to the Stomach, it is tied with such Ligaments to its Place; and when it falls out, the Ligaments are extended by Moisture, and falling of it down. And there is no Reason why (tho' the Ligaments are close or wet) it should go up so speedily, and come down again. For falling down is by Degrees, and it is not soon brought up again. And tho' it be enlarged by Conception, it is by Degrees equally, not suddenly on one Side. Nor are the Ligaments made very loose in Conception, and the bottom of the womb is not tied, the Ligaments being only on the Sides.

But this cannot be deny'd, which women affirm, that they feel a body or ball moving about the Navel, and a Physician or Midwife may feel it. Therefore let us enquire what it is, if it be not a womb. That body which you may feel stir is the Stones, and that blind Vessel which *Fallopious* found out, which he compared to the great End of a Trumpet, called

Fallopious

Fallopian his Trumpet. For the Stones hang, and the Body of the Trumpet is like a Pipe, loose and moving; and when they are full and swell with corrupt Seed and Vapours, they move too and fro, and ascend as high as the Navel. And the Stones with the Trumpet make this round Tumour of the Womb, which is felt in Women, as *Riolanus* observes. *Antropago. lib. 2. 34.*

Whatsoever makes corrupt Seed in the Stones of a Woman, and fills them with evil vapours and wind, is the cause: Of which in suffocation of the Womb. For the Cause is like in both, only in Suffocation the Symptoms are worse, because the evil Vapours are then more freely carried by the Veins, Arteries, and Nerves, afflict the principal Part. The Woman and others may feel a round Body, and she findeth a Pain at her Heart, and short Breath, without sleeping or doating, or other Symptoms, and there were Causes that disturb'd the Womb. *The Causes. The Signs.*

It is not dangerous yet not to be slighted: For it may turn to the strangling of the Womb, when these evil Vapours move to the noble Parts. *The Prognostic.*

Let the Aim be at the corrupt Seed, and Vapours, which must be discuss'd and evacuated, as in Suffocation of the Womb. *The Cure.*

CHAPTER XVI.

Of Falling out of the Womb.

Sometimes it falls to the Middle of the Thighs, or to the Knees almost, or hangs a little out. The Womb changeth its Place, when the Ligaments by which it is bound to the other parts are not in Order. There are four, two above board and membranous that come from the Peritonæum; and two below, that are nervous, round and hollow. Besides, it is bound to the great Vessels by Veins and Arteries, and to the Back by Nerves. *The Causes.*

Now the Place is chang'd when it is down another way, or when the Ligaments are loose, and it falls down by its own Weight. It is drawn on one Side, when the Terms are stoppt, and the Veins and Arteries are full, those namely which go the Womb: If it be a Mole on the one Side, the

Liver and Spleen cause it, by the Liver Veins on the right Side, or the Spleen on the left, as they are filled more or less.

It also falls down by the loosing of the Parts, to which it is fasten'd: But how that can be, is not clear.

1. 2. *De morb. mulier.* Hippocrates saith, It comes from external Causes, as from cold of the Feet or Loins; from Leaping or

the like. These make the Ligaments moist and loose. Also it may be from cold after Child-bearing, getting into the Womb when the Terms flow, sitting upon a cold Stone, or the like.

Pluterus. Others say, it comes from the Solution of the Connexion of the Fibrous Neck, and the Parts adjacent, and that is from the weight of the Womb descending: This we deny not. But then the Ligaments must be loose or broken. But Women in a Dropsy could not be said to have the Womb fall down, if it came only from Looseness. But the Cause in them is the saltness of the water which dries more than it moisteneth.

If there be a little Tumour within or without the Privities, like a Skin stretched, or a weight felt about the Privities, it is only a Descent of the Womb: But if there be a Tumour like a Goose-Egg, and a Hole at the bottom, there is at first a great pain in the parts to which the womb is fastned, as the Loins, the bottom of the the Belly, the Privities, and the *Os sacrum*, from the stretching or breaking of the Ligaments; but a little after the pain abateth, and there is an Impediment in walking. Sometimes Blood comes forth from the breach of the Vessels, and the Dung and Urine are stopt, and a Fever and Convulsions.

The Prognostic. When it is new, it is easily cured; when it is old it is hard to be cured, but not deadly, only it is troublesome and nasty.

It hinders Conception, and keeps the Terms from flowing orderly. If it be from Pain, Fever, or Convulsion, it is deadly, especially in Women with Child. That which comes from Corrosion of the Ligaments are dangerous.

First put it up before the Air alter it, or it be inflamed or swollen. Therefore first give a Clyster to remove the Excrements. Then lay her on her back with

with her Legs abroad, and Thighs lifted up, her Head down, and take the Tumour in your Hands, and thrust it in without Violence.

If it be swollen with Alteration and Cold, foment it with the Decoction of Mallows, Althæa, *Roder. a Causo, de. morb. mul. 1 a c. 17.* Line, Fænugreek-seed, Camomil-flowers, Bay-berries: And anoint it with Oil of Lillies and Hen's-grease. If there be any kind of an Inflammation, put it not up, yet it may be frightened in, by shewing of red hot Iron, and acting as if you would burn it. First sprinkle upon it the powder of Mastich, Frankincense, and the like. As, Take *Frankincense, Mastich, each two drams, Sarccol steep'd in Milk a dram; Mummy, Pomegranate-flowers, Sanguis Draconis, each half a dram.*

When it is put up, let her lie with her Legs stretched, and one upon the other for eight or ten Days, and make a Pessary like a Pear of Cork or Spunge put into the womb, dipt in sharp wine, or the juice of Acacia, with powder of Sanguis Draconis, Bole Mastich, or the Countess's Ointment, with Galbanum and Bdelium.

Apply a Cupping-glass with great Flame under the Navel or Paps, or to both Kidneys, and lay this Plaister to the Back. Take Opoponax two Ounces, Storax Liquid half an Ounce, Frankincense, Mastich, Pitch, Bole, each two Drums; with wax make a plaister. Or,

Take Labdanum a Dram; Wood Aloes, Clovas, Spike, each a Dram; ash-colour'd Amber-grease 4 Gr. Musk, half a scruple, make a round plaisters to be laid on each side of the Navel. Make a Fume of a Snail's-skin salted, or of Garlick. and let it be taken by a Funnel.

Use astringent Fomentation of Bramble Leaves, Plantain, Horsetails, Mirtles, each two handfuls; Wormwood two pugils, Pomegranate-flowers half an Ounce, boil them in wine and water: Or inject this with a Syringe. Take Comfry Roots, Snakeweed, Pomegranate-flowers, each half an ounce; Rupture-wort two drams; Yarrow, Mugwort, each half an ounce, boil them in red wine. Then use Sulphur Balls.

To strengthen the Womb: Take Hartshorn, Bays, each a Dram; Myrrh, half a Dram; make a powder for two Doses. give it with sharp wine. Or, Take Zedory, Parsnip-seeds,

seeds, Crabs-eyes prepar'd, each a dram ; Nutmeg half a dram ; give a dram in powder ; but use Astringents warily, lest you stop the Courses, and cause more Mischief.

If it fall out from evil Humours that flow to the womb, and loosen the Ligaments, purge the Body, and then use Driers, as the Decoction of China, Sarsa and Guaiacum.

To keep it in its Place, make Rollers and Ligatures as for the Rupture, and use pessaries into the bottom of the womb that may force it to remain : Of which *Lib. de partu Cæsar* Francis *Roussel* hath written at large, and *sect 6. cap. 3 & 4.* shews that they neither hinder Conception, nor bring any Inconvenience ; nay, that they help Conception, and retain it, and cure this Disease perfectly.

And *Gasper Baubinus* confirms the same in his Appendix to *Roussel*.

You may use Circles of Balls instead of Pessaries. As, Take Roots of wild Vine, make round Circles or Balls of them, greater or less, as the Neck of the Womb is. Then take Virgin's-wax melted with white Rosin or Turpentine, dip the Balls in till they are fit, put one in the Neck of the womb, that will hold in being just fit ; let it not be taken out till it fall out, and then put in another, if she be not cured.

Lib. de partu cæs. sect 4. c. If it gangrene and spacelate
5. hist. 6 ib. sect. 4. cap. 1. cut it quite off ; if she fear cutting, take it off by Ligature, of which *Roussel*, who shews the way, and saith that it may be cut off without Danger of Life.

He tells also of the place where you must cut, and in *Sect. 4 de partu cæsareo*, where the Ligature is to be made.

Let the Diet be drying and astringent, and gleuing as Rice, Starch, Quinces, Pears, Green Cheese ; avoid Summer Fruits. Let the Wine be astringent and red.

The Cure of the inclining of the Womb.

When it inclines to the Sides after Universally apply Cupping-Glasses to the other Side, and let her lie on the other Side ; and let the Midwife anoint her Back with Oil of sweet Almonds, and draw it a Side by Degrees to the other Side.

C H A P. XVII.

Of the Rupture of the Womb.

FE W Physicians have seen this ; I never read of any but once I saw it ; of which in my Institutions, *lib. 2. part. 1. cap. 2.*

C H A P. XVIII.

Of the Wounds, and breaking of the Womb.

IT is seldom wounded, by reason of the di- *The Signs.*
vers Defences it hath ; but sometimes the
Chyrurgeons wound it in cutting out of the Child ; of which
Hollerius, inter rara No. 8. He speaks of a Woman with
Child in *Paris*, that her Child's Hand put forth at the Na-
vel, and was so in Travail 15 Days, and both Child and
Mother were safe.

It is evident if it be made by the Chyrur- *The Prognostic.*
geon in cutting out of a Child ; and you
may know it by the Place, if it comes otherwise. There is
Blood and Matter that flow out at the Neck of the Womb,
There is more Pain when it is in the Neck of the Womb,
than when it is in the Bottom.

These Wounds are cured, as appears by the *Cæsarian*
Birth or Cutting : But they are dangerous, by reason of the
strange Symptoms, and the Consent of the Parts.

Use Consolidaters or Healers : And if there be Pain, Ano-
dines or Pessaries made of wax candles dipt in wound oint-
ments. Or,

Take wax, Turpentine, Goose-grease, Butter, each a
dram ; Honey, Deer's-marrow, Oil of Roses, Bulls-grease,
each two drams : Or, take Frankincense, Mastic, Cerufs,
Galbanum, each half an ounce ; mix them all with white
wine, then add *Pompholix* an ounce, and with wax and Oil
of Roses, make an Ointment.

Make Injections or Clysters for the womb, of the Decocti-
on of round Birthwort, Cypress boiled in steeled water and
sharp wine, with a little Hydromel, Agrimony, Mugwort,
Plantain, Roses, Schænanth, Horehound.

THough the Neck of the Womb be only subject to Ulcer as we shewed; yet the Substance of the Womb hath been ulcerated. and hath been observed to Rot when it hath fallen out, and to fall away. As we said of a Woman at *Avignon* that after lived sometimes; and the Examples of *Roussel* shew, that it may be safely cut of.

Liber. de part. Caesar char. cap. 76. Also a Child dead in the Womb, may cause an Ulcer, as divers Histories witness in *Abucasis*, and *Alexander Benedictus*, *Mauritius*, *Cordius*, and many others.

How the Ulcers and Rottenness of the Womb are cured, is said in *Seet. 1. cap. 8.* where we speak of Ulcers of the Neck of the Womb; and *cap. 10.* of Fistula's of the Womb.

IT is apparent by Histories written by grave and learned Men, that the Stones of Women and their Seed Vessels are many times grievously distemper'd, when the Womb joined to them is not. Sometimes Water is gathered about the Stones, as *Gaspar*, *Baubinus*, *John Schenkins*, write, and he hath another History, *Lib. Obser 3.* from *John Hentz*, of a Maid that desired a little before she died, that her Body might be opened, to testify her Innocency. In which, besides other Things remarkable, the Stones were found swollen as big as a Head of a young Child, blewish and spongy; much Water came out of them, and that made her Belly swell, and she taken to be with Child. But the Truth appeared, and her Chastity testified.

THere are many Symptoms from the Womb. Of those in the Womb: First is Weakness, so that it cannot perform its Action. The

The Action of the Womb is twofold. Private and Publick. By its private Action, it makes its Nourishment of Blood that comes to it. By its publick Action it serves for Generation. If the private Faculty be hurt, and the Nourishment not well made, there is a superfluous Moisture; and then Weakness, without other faults of the Organ, or Unity divided.

The first Cause is Distemper, when the manifest Qualities are changed, or when the natural Heat *The Causes* is suffocated or dispersed; or when the occult Qualities are changed. Heat in the Womb makes a Distemper if it be too much, by which the Womb sucks more than it can Concoct. This is not properly Weakness; but that Distemper is Weakness, when the Action is either not done, or weakly done. But cold rather makes Weakness in the Womb, by which it cannot make the sufficient Quantity of Nourishment; hence Excrement are heaped up, and it cannot perform its Actions Also a moist Distemper makes Weakness, by which it neither can keep Seed nor Child. It is also weak from Looseness Little desire of Venery, and no Pleasure therein, argue Weakness of the *The Signs,* Womb, flux of the Seed, often Abortion, Pain in *Part 1. Sect.* the Loins and Pubes, when the terms are coming, *Cap. 2. & 5.* Farts from the Womb, Head-ach, and the like.

The Signs of a cold and moist Distemper with or without Matter, are already declared.

It is a great Disease, by reason of the di- *The Prognoſtic.* vers Symptoms in Women that have Conception hurt. It is worst when it come from dispersing and extinguishing of the natural Heat.

We have shewed how Distempers of the Womb *The Cure.* are cured but the dispersing of the Spirits, and natural Heat is cur'd by things that hinder the loss of Spirits and strengthen the Womb, as Spices, Cinnamon, Cloves, Nutmegs, Mace, Diacalamint, Aromaticum rosatum, Diaxilaloes, Rosata Novella, Treacle, Mithridate; outwardly, by Oyl of Lillies, Nard. Lavender; and Astringents when the Womb is loose,

Things that help the Womb in the whole Substance are in the Chapter of the cold and moist Distemper, as Aqua-vitæ

vitzæ for Women. Or thus. Take Castor three ounces, Saffron two ounces; Extract them singular. add to both, Extract of Mugwort, two ounces; of Angelica, a dram; Magistery of the Mother of Pearl, a dram, Oyl of Cloves, a scruple; of Angelicas and of Amber, and of Nutmegs, each half a scruple.

Let her eat Meat of much Nourishment, and Drink good Wine.

CHAP. II.

Of the Itch of the Womb.

THIS is more in old then young Women, and must be distinguished from the Frenzy of the Womb. For here is only a desire to scratch the Privities, so that they cannot sleep. Nor is it with desire of Copulation, as in the Fury of the Womb,

The Causes. It is a salt Humore that serous and a dust that causeth it, that is sent to the Neck of the Womb, and the Privities. How it comes there, I shewed in Ulcers of the Privities.

It is known by her Relation, and often putting her Hand to her Privities.

The Prognostic. It is more troublesome than dangerous, because it hinders sleep.

The Cure. First Purge the whole Body, and if there are Signs of Plettery, and strength permits Bleed in the Arm: Then qualify the sharp salt Humours with cold and moist Meats, and remove them from the Privities: Foment with a Decoction of Lettice, Plantain, Willow, Dock roots; and then anoint with Galen's Cooler, or dip a Pessary in this Ointments and put it in: Or, Take Allum, Niter, Sulphur, each six Drams; Staphisacre an Ounce, with Rose Vinegar and fresh Butter make a Liniment.

If these will not Cure, use stronger, as the Ointment of Elicampane with Quick-silver. Or, Take Black Soap, Staphisacre, each a Dram; Quick-Brimstone, half an Ounce, Quick-silver two Drams, with Rose-Vinegar and Hen-grease make an Ointment.

Let the Meat be of good Juice, cooling and moistning. Take heed of Spices, sharp and salt Meats:

THERE is Pain in the Body of the Womb, with other Diseases sometimes as the Cholic Pains woven in the Bottom of the Belly, and in the Loins and Hips; and is called the Pain of the Womb. It is often in Women with Child, as the Inflammation of the Womb. It is burning and beating, it binds the Belly, and stops the Urine.

Solution of Unity is the Cause of all Pains; *The Causes.* and this is for the stretching of the Womb, and its Vessels or Corrosion Stretching it from Wind, clotted Blood in the Cavity of it; and when Nature cannot expel it, by reason of the straitness of the Part, there is Pain.

Also Pain is from stretching of the Vessels before the Terms flow, when they are close, and the Blood thick, and this Pain is increased by external Cold, especially after Heat, Sometimes there is a gathering of Humours about the Womb, when the Terms flow, and are foul and they get into the Membranes and stretch them. The same may be from corrupt Seed, that stretcheth the Vessels.

Or from Sharpness and Corrosion in the Neck of the Womb, when sharp Humours flow through *The Signs.* it, and twitch it.

The Pain is manifest, but let us look at the Signs of the Causes: If it be from clotted Blood, there was a Flux of the same, and the Pain is fixed about the Orifice of the Womb. If there were external Causes, the Patient will relate. If it be from seed, there is Suffocation of the Womb.

The greater the Cause is, the more vehement it works the more is the danger. *The Prognostic.*

If there be a Pain, and fear of Fainting, look *The Cure.* to that before the Cause, with Anodynes Narcotics, if need be.

If it be from Wind see Inflammation of the Womb:

If it be from clotted Blood dissolve and evacuate it with hot and attenuating Medicines, made into Fomentations, Baths and Ointments. It is good to apply Treacle to the Region of the Womb, or put it in with Rue and Honey: Or give a Clyster to the Womb, of Rue, Fenugreek-seed, and Oil of Rue and Orris; or give Treacle and Cinnamon Water. *If the*

If the Vessels of the Womb are not open enough for the Terms, see in the stoppage of Terms.

If there be Wind, make a Clyster thus: Take Mercury, Mugwort, Calamintis, Penny-royal, each a handful; Cammomil, and Meliot Flowers, each half a handful. Fernegreck and Linseed, each an ounce; boil them; in a pint strained, dissolve Hiera Benedicta laxativa, each half an ounce; make a Clyster, give Mugwort, Zedoary Water Essence of Castor, Treacle, or Women's Aqua-Vitæ; of which before.

Make a Clyster for the Womb, thus: Take Mugwort, Calamints, Bettony, each half a Handful; Gith, Cummin, Carrots, Aniseeds, each a Dram; Spika, Stænanth, Nutmegs Cinnamon, each a dram; boil them in Wine.

Then fill an Ox Bladder half full of Oyl of Lillies and Dill, and apply it to the Belly.

Or, Take Oyl of Lillies, Orris each an ounce; distilled Oyl of Angelica, a Dram, Goose and Hens-Grease, each half an ounce; mucilage of Line and Fenugreek-seed made with Mug-wort Water, each three drams; seed of Cusmin, Carrots, Caroways, each a dram; with Wax make a soft Ointment. *Or,* Take Pellitory two Handfuls, Mercury a Handful beat them, add Cammomil Flowers, Cummin, Anniseed, Carrot seeds, each a Dram; two Yolks of Eggs and Oyl of Lillies, make a Cataplasm for the Belly.

Apply Plaisters to the Navel and Cupping Glasses with great Flame to the Region of the Womb; or dry Fomentations of Oats, Millium, Anise, Cummin, Carrot Seed in a Bag. And use Pessaries; as, Take Harts-Marrow, Turpetine, Wax, Goose Grease, each three drams; Saffron a dram, Yolks of Eggs, seven, with Oil of Lillies make a Pessaries.

If the Humours and Wind be malignant, mix Scorzonera. Bezoar Seeds, and Roots of Angelica, Water of Zedoary, Treacle, Mithridate, and the like in Suffocation of the Womb.

C H A P. IV.

Of the Diseases of the Womb that come from sweet Scents and Stinks.

THERE is a particular Symptom in the Womb which breeds great Admiration, that in delights in sweet Scents and is offended with Stinks. And it is certain: For if Musk, Civet, or the like be but put to the Nose of a Woman that

is subject to Fits of the Mother, they grow sick; and if the same be put to the Privities, and Stinks to the Nose, the Fit of the Mother ceaseth.

It is hard to give the Reason of this, many wise Men have given their Opinion: But they disagree among themselves, and satisfy me not, neither do I promise to satisfy others: But it is probable to me, that the Womb is not delighted with Scents, as Scents: For the Privities have no Smelling, and the Sense of Smelling doth not reach so far: But the Quality by which it is well or ill, is occult and not to be explained, and to be separated from the Odours.

If any ask what the Quality is, I answer. There are many Qualities in Nature that are hid from our Senses, and yet we cannot deny them, because we see their Effects, as the Quality in a Dog's Nose, we cannot apprehend, but the Dog perceives it.

But how these Qualities come to the Womb is by no other way but by the open way by the Privities, by which Spirits get into the Womb, and in the Suffocation of the Womb sweet Things profit, because they strengthen it by a peculiar Quality to disperse the venous Air, and draw down the Spirits and Humours. But if they be put to the Nose, the Womb consents by the Sympathy of the Organ of smelling, and the Brain with it.

This is by the Nerves and Arteries, from the Heart is presently refresh'd with a sweet Scent because it presently pierceth into it, being spiritual, and there is a great Consent of the Womb with the Brain and the Smelling, as is seen by the tryal of Barrenness, by a Fume from Hippocrates.

But we must observe that sweet Scents are acceptable to all Wombs, and Stinks are not, but the same Symptoms are not in all Women from them; for they who have a Womb of a good Constitution with no evil Humours in it, endure sweet Things, well and delight in them, but they who are unclean, hate sweet Things, and often fall into Fits by them, because while the Womb is delighted with that sweet and hidden Quality with which it hath a peculiar Sympathy, the evil Humours that lie in the Womb (especially

Quomodo uterus bene-olentia recipiat.

Quomodo bene-olentia hystericiis neceant.

5. Aphor.

ally if there be any Corruption from Seed) and the Seed also are stirr'd, and when the Spirits fly up, they take the bad Humours with them, and send bad Vapours to the Heart, which cause Suffocation, and other Symptoms. But when the same Scents are put in the Privities, the Womb is refresh'd with them, and the Spirits are quiet, to move to the Scents And so the Humours (if there be any) are still, or else move downward. But stinks on the contrary, by Reason of their Antipathy with the Womb, avoided by the Spirits, and so the Humours move downwards, and often there is Abortion thereby.

What is spoken of sweet Scents, may be understood of all sweet Things, and this is our Judgment in a Matter so difficult.

BOOK, IV, S E C T. II.

Of the Symptoms in the Terms, and other Fluxes of the Womb.

C H A P. I.

Of the Flux of the Terms.

BY Divine Providence the Blood which is voided every Month, is kept in when there is a Child. For if it be its Nature, it is not ill, but only superfluous, till they conceive; nor is it more an Excrement than Seed and Milk.

The Terms commonly begin at Fourteen, and then the Hair appears on the Privities, the Breasts swell and Women begin to be Letcherous, and the Blood can no longer stay in the Veins but breeaks out at the Veins of the Womb.

In some they begin at twelve, and they are very Lustful commonly, and of shorter Lives; they continue till Fifty; and some till Sixty, and then stop. In some they begin at 17 or 18. And in some they stop before Fifty according to the Variety of Nature and Diet.

Nature doth not send forth every Day what is gathered, but stays till the Plenty offends, and doth in only once in a Month, otherwise it would be filthy and unpleasant, and hinder Conception. Nor do they flow at one Time in all exactly: But there are twenty two Days, or at most thirty between the Purgings.

In

In some they last three Days, which was usual in the Time of *Hippocrates*. In some four or five, or more, as the Liver is greater, or their Diet is higher or lower.

Hippocrates saith, they should bleed but a Pint and a half, or two Pints : This is not alike in all, but differs in respect of Age and Diet.

As for the Quality, it must not be too thick nor too thin, but of a middle Substance without Scent, of a red Colour yellower in cholic Persons : In melancholic, black ; in, Flegmatic, whiter ; and it must flow without any great Symptoms.

The Passages are the Veins of the Womb, being double from the double Branch on both Sides it, the Spermatic and Hypogastric, that they may evacuate Superfluities from all Parts.

And from this Description of a natural Flux, you may gather what is preternatural.

Quest. *Whether can a Woman Conceive that never had Terms ?*

They are called by some Flowers, because they go before Conception, as Flowers do before Fruit. But many have Conceived that never had their Flowers, being hotter by Nature, as the *Indians*, that never had any Flowers ; and Viragoes that use more exercise. But if these have no more Blood than will nourish their Body, they are barren.

If any Thing abound that is not required for Nourishment of the Parts, and is so much that Nature cannot endure it in the Body, the Womb draws it to it when it hath conceiv'd to make up the Child : Of which hereafter.

Quest. 2. *Whether Menstruous Blood is only superfluous in Quantity, or bad in respect of Quality ?*

Writers disagree about this. Some say it is bad in Quantity and Quality, and venomous by the Effects, as making Ivory obscure, and infecting-Looking-Glasses, corrupting Wine, by a Vapour from the Body of a Woman that hath her Flowers.

Others say they offend only in Plenty : For if it were venomous, it would not be a whole Month in the Body, and it could not form the Child, nor would Nature make Milk of it.

Therefore menstruous Blood only offends in Quantity, and not in any manifest or hidden Quality. But it hath
strange

strange Qualities when it is mixed with bad Humours, or is kept too long in the body to be corrupted, and causes great Symptoms; But this is when it is mixed with bad Humours, or is out of its Vessels, and so corrupt.

Quest. 3. *Of the Text of Aristotle, 7 de Hist. Animalium, cap. 2. And how it is to be understood?*

Aristotle writes thus: Constantly every Month some have their Terms; but most in the third, as *7 de Hist. An. c. 2.* if he should say few Women have their Courses every Month, but many have them every third Month. This is against *Galen*, and against Experience. For it is certain that among six hundred Women, scarce one hath them every third Month. Therefore this is either an Error in the *Greek* Text, or in the Translation, or great Men do often lie, which is probable; and so did *Aristotle* in his *Physic*: Therefore it is in vain to defend their Error.

CHAP. II.

Of the Terms flowing too soon.

Ordinarily they begin at Fourteen; but many have had them sooner. A Child of eleven Days old had a bloody Humour flowing from the Privities. Another of five Years old had every Month a moderate Flux. *Her. Saxenia vidit Venetis ser. 6 pa. 5. cap. 6.* *Fernel* reports, that a Girl of eight Years old had the Terms: But are rare, and for the most Part very lecherous, and short-liv'd.

CHAP. III.

Of want and stoppage of the Terms.

Some Women have them not till Eighteen or Twenty, some before, and then they stop for a Time, without ever giving such. or being with Child. Some have been without them three, five, or seven Months, and then they come again. This is an evil Constitution, or Suppression of that which ought to flow, from the Fault of the Blood, and Stoppage of the Passages.

The Causes. When Terms are wanting, either Blood is wanting or stopp'd. It is wanting, either because it is not made or dispers'd, or turn'd to other Uses, for Nature being

being more solicitous to preserve the individual Persons, than to propagate the Species, spends it in preserving of the Person.

Blood is not made from divers Causes: As Age, cold Constitution of Liver Heart, or a Disease which Distempers the Bowels. Or often Bleeding from great Vessels, or from having many Issues, which take from the Blood.

It is spent otherways, as before ripe Age, and when Women are with Child, or give Suck, or in hot Natures and fat Women, in whom it is turn'd to fat, it is in vain to provoke the Terms in these.

They are either external evident Causes of stopping of the Terms, as too great Labour, Troubles, Sadness, fear; but these last do not only waste the Blood, *8 Epid See* but cool and corrupt it, and cause Obstructions, as *8 in fine Hippocrates* speaks of *Phaethusa* the Wife of *Pytheus*.

The proper Causes are, the Straitness of the Passage, or evil Conformation of the Parts through which it should flow. Or the closing of the Womb, of which we speak; but I speak here of the Vessels.

The usual Cause of Obstructions, is thick, slimy Humours, from the Blood too thick, or mix'd with Melancholy, which comes with it to the Veins of the womb, and stops them.

This thick Blood comes from a cold Distemper of the Stomach, Liver and Spleen, from thick and gross Food, and drinking cold water when the Terms *Lib de vera* flow. So thought *Galen*, in his Time, of the *sec ad versus Roman Women* that drank Snow-water, and had *Erasistrat* few or no Courses.

Straitness is when the Body of the Womb is made thicker, either by Nature or other Causes; as a cold and dry, or hot and dry Distemper.

Thirdly, Straitness is from Compression of the Vessels by a Schirrhus or hardness of the Parts adjacent, as the strait Gut, or by the Stone in the Bladder and the Womb displac'd.

Fourthly, The Flesh may grow together by a Membrane that grows to the Vessels, or a Scar after a Wound. Or after a Mischance, when the Vein annex'd to the Secundine, grow so together, that they cannot be open'd: Of which in the first Question.

They are not the same in Women and Virgins; For Blood stop'd in Virgins goes to and fro, changing the Colour, and brings Fevers, especially the white Fever, or Green Sicknes.

But in Women it goes more to the Womb, and brings Symptoms, Loathing, Vomiting, and Pica.

Galen hath other Signs, as Heaviness, a lazy Pain in the Loins, Neck, and behind in the Head, that reacheth to the Roots of the Eyes, from the spreading of the Blood stop'd through the whole Body. This Laziness is chiefly in the Thighs and Legs, by Reason of the Veins there consenting with the Womb and are of a green Complexion, and hairy, with a Beard and shrill Voice.

You may know Women with Child, from such as want their Terms, only by proper Signs. First, The Women with Child keep their Colour: But the other are pale and ill coloured; they are merry, the other sad. Secondly, Their Symptoms daily grow milder: But in the other they daily grow worse. Thirdly, You may feel the Child move. Fourthly, It is perceiv'd in a Month.

You shall know from what Causes the Terms are stop't, thus: If the Liver be cold; there is no Blood made that is superfluous, and there are Signs of a cold Liver, and you may know that Blood is not sent to the Womb, when there is no Heaviness, Pain, or Tumour about the Womb, the Liver or spleen are stop't.

If it be from Flegm, or Melancholy which is often, there are signs of their abounding, as Laziness, Paleness, seldom Pulse; crude

Urin.

Hippoc. de morb. mulier. Gal. 6. de loc. off. cap. 5. Hiapoc. 5. appr. 23. Hippocrates saith, That if the Terms stop, there are Diseases in the Womb, Tumours, Impoſthumes, Ulcers and Barrenness, and Diseases in the whole Body, Green sickness, Beacophlestimacy, Dropsy, Vomiting of Blood, Heart ach, Cough. And the longer they have been stop't, the harder they are to be open'd, If the Blood go out at the Nose it is good.

If it hath great Symptoms, there is fear of Death, You must give Medicines to move the Terms to extenuate

tenuate lean Persons, nor to such as want Blood, and have a weak Liver; but they must be fed high.

First, See if Blood abound, and then (after a *comin* 6. Lenitive) open a Vein, and let that Blood which *epid.* 3. 29 is in the Veins, be drawn to the Womb, *Galen* took three Pints of Blood at three Times from a lean Woman and cured her of an old stopping of the Terms.

You must open the Ankle Veins, the first Day the right, the next the left, four or five Days before the Time. Or you may cup and scarify the Legs.

And bind the Parts below, and rub them after general Evacuation: Opening of the Hæmorrhoids doth hurt and so doth Issues, because they draw from the Womb.

Hiera Picra, half an Ounce, or Pill de Tribus, or Hieræ Simple, are good first.

Then prepare. As, Take Water of Mugwort, Calamints, Maiden-hair, each three ounces; Syrup of the five Roots, and of Mugwort, each two ounces; make it for two Doses, Or, Take opening Roots, half an Ounce, Madder, Burnet each three Ounces, Mugwort, Bettony, Germander, Calamints, each a Handful, red Pease half a Handful, Flowers of Bugloss, Dill, each a Pugil; boil & sweeten it with *Sugar*.

For Flegmatic Bodies, take the Decoction of Guajacum, Sassafras, Dittany, for fifteen Days without Sweating.

Then evacuate with Agaric, Mechoacan, Turbith, Scammony, Coloquintida, black Hellebore. As,

Take Agaric, two Drams, infuse it in Mugwort Water two Ounces, Oxyssel an Ounce, strain, and the Extract of Mechoacan, a Scruple. Or, Take opening Roots, half an Ounce, Mugwort, Bettony, each two Pugils: Senna half an ounce, Agaric two Drams, Fennel and Anniseed, each a Scruple; Galengal, half a Dram. Rosemary Flowers, a Pugil, infuse them to three Ounces and half, add Syrup of Senna an Ounce and half, Cinamon Water half a Dram.

Or if they drink Wine, Take Turbith, Mechoacan, Agaric, each two Drams; Senna, an Ounce and half; Maiden-Hair, Balm, Rosemary, each two Pugil: Cinamon, Galengal, each a Dram; hang them in Wine, give six Ounces with half an Ounce of Manna.

Or, Take Diaturbith with Rubarb, half an ounce, Mechoacan two drams, Agaric, a Dram, Diarrhodon, Cinnamon, each half a Dram: Steel prepar'd, a Dram, with Raisins make an Electuary: Give as much as a Walnut.

Or give Pills of Agaric fœtida, and so continue purging and preparing if the Matter be stubborn, Or, Take Agaric, 2 Drams, Madder, a Dram, with Syrup of Mugwort, make Pills. Or, Take Aloes, three Drams, de Tribus, one Dram, with Juice of Savin, making Pills.

If the Stomach is foul, give a Vomit, lest it get into the Veins.

Then give Provokers of the Terms, which
Pa. 1. See are hot and thin, about the Time they used to
cap. 2. flow: They are three Degrees in Strength;
 and many Sorts of Medicines are made of 'em.

A Powder, Take Cinnamon, a Dram, Amber, a Scruple Saffron, half a Scruple. Or, Take Troches of Myrrh, of Wall-Flowers, each a Scruple; Saffron, five Grains: Or, Take Castor, Penny-royal, each a Scruple; with Wine or proper Waters.

Physical Wine. Take Madder Roots, an ounce, Orris, half an ounce, Balm, Penny-royal, Mugwort, Rosemary, each a Handful; Wall-Flowers, half a Pugil, Cinnamon, 1 ounce Galengal, half an ounce, with Wine give four ounces.

Or, Take the Decoction of red Pease, Or, Take Smallage Fennel-Roots, each half an ounce; Mugwort, Bettony, Penny-royal, Balm each a handful; red Pease, half a handful Juniper-Berries, half an ounce, Wall Flowers a Pugil, boil and sweeten it. Or, Take ten ounces of it with 3 ounces of Mugwort, for three Doses.

Quercetan commends this: Take Gromwel-seeds, Anise Mistleto of the Oak, each 3 drams; Dittany a dram, Saffron a Scruple, bruise, and keep them 24 Hours in Wine then boil them; give four ounces for three Days together.

Or make the Womens Aqua Vitæ. Or, Take Baln, Bettony, Penny-royal, Mugwort, Nep Motherwort, Dittany, each four Handfuls; Wine, thirty Pints, distil them; add three handfuls of each Herb, and distil them again, and add Fenne-Seed Calamus, Cinnamon, Cassia Lignea Cardamons each half an ounce: Distil them again,

Or

Or give Syrup of Calamints Mugwort, Or, Take Water of Penny-royal, Savin, Calamints, each four ounces; Syrup of Mugwort, four ounces, Cinnamon-Water, an ounce; give it at four Times.

Roots, Take Extract of Savin a Scruple, of Angelica half a Scruple, of Elicampane six Grains, Oil of Cinnamon 5 Drops of Cloves 2 Drops with Sugar dissolv'd in Balm Water. Or, make an Electuary of Steel, six ounces Cassia lignea, Cinnamon, each two Drams: Cloves a Dram, Raisins two ounces, with Sugar dissolv'd in Mugwort Water.

Or, Take Troches of Myrrh; a Dram, Extract of Gentian and Savin, each a Scruple; Castor half a Scruple, make Pills; Give two Scruples, or give every third Day Pills of Hiera.

Use outward Medicines but provoke not sweat by them.

Take Althea and Lilly-roots, each two Ounces; Birthwort an ounce, Mallows, Mercury, Mugwort Savin, Motherwort, Calamint, Penny-royal, Marjoram Bays, each two Handfuls; Flowers of Camomil, Lavender, Chair, each a Handful; Fenugreek Seed, an Ounce, Juniper and Bayberries, each half a Handful: Boil them in Water Foment with Sponges.

And then anoint with this: Take Oil of Lillies an Ounce of Lavender Seeds stilled half a Dram; Calamints, and Gith Powder each a Dram; Storax, Calamints, a Scruple.

To Virgins that must take no Pessaries, give Fumes with the Head defended; they will open the Mouths of the Vessels, and cut thick Humours.

As, Take Myrrh, Bdellium, Storax, each a Dram; Benzoin, two Scruples, Gallia moschata, Ivet, each half a Scruple; with Liquid Storax make Troaches.

Then use Clysters and Injections into the Womb with Purgers, As Take Calamints Penny-royal, each a handful; Girt-seed, Turbith, each a Dram; Coloquintida, half a dram, boil it in Wine, inject it into the Womb.

If it be hot after it, inject the decoction of Mallows with Milk or Barley Water, and because the Neck of the Womb lies upon the strait Gut, give Clysters. Take Lilly-Roots, an ounce, Orris, Valerian, each half an ounce; Mercury, two Handfuls, Mugwort, Savine, each half a Handful; Camomil, Lavender-flowers, each a pugil; Carraway, Gith-

feed, each a dram: boil, add Hiera and Benedicta laxativa each half an Ounce, Oil of Cheir, two drams, Electuary of Bayberries, half an Ounce.

If she be no Virgin, put Mercury bruised in a Bag for a Pessary, with Centuary-flowers, or Garlick beaten with Oil of Spike.

Begin still with the mildest, as Mugwort, Mercury, Penny royal, Marjoram, Rue; and then add Mucilages and Juices to loosen the Womb: Let not Pessaries lie long, lest they cause a Fever.

If it be from the Tumour, provoke not the Terms but look to the Tumour.

Let Diet be hot and attenuated of good Juice, with Parsley, Savory, Rosemary, Cloves, Cinnamon, little Sleep, and much Exercise.

Quest. 1. *Whether there are other Causes of Stoppage of the Terms.*

Some say the Blood going to other Parts, is a Cause: but it is rather contrary and the Suppression of Terms is Cause of that. For the Veins of the Womb is large enough to evacuate Blood.

Others say, the strength of the Womb is a Cause which thickens the Vessels that they receive Blood. But the womb is made to receive it when it abounds.

Others accuse the Strength, which is to be deny'd: But when it is so strong, that it is too hot or too dry, and will not receive the Blood, that is a sign of Weakness; but there must be strength in the whole Body, to cast out superfluous Blood, or there will be other Mischiefs.

Quest. 2. *What Veins must be opened when Terms are stop'd.*

Authors disagree in this, *Ætius* and *Galen*, who always

Lib. de sang. of his mind, being it is rational: For a
miss. cap. 11. Vein opened in the Arm doth rather revel
18. 19. from the Womb than draw the Blood to it:

But in the Ankle, brings it to its Place, and opens obstructions; and doth both lessen and bring Blood to the Womb, and move that which is in the Womb fixed.

Open the Ankle therefore twice or thrice, rather than the Armonee. Therefore *Galen* commends *Hippocrates*, that the

opened

opened a Vein in the Ankle in the Servant *Lib, de sang.*
 of *Shimarg*, tho' she had a Plethory. *miss. aduer. crasis.*

But in other Diseases of the Womb, as Inflammation, dropping, or too many Terms, it is good open to a Vein in the Arm. The *Saphena* is opened by putting the Foot in warm Water, before and after.

Quest. 3. *At what Time must a Vein be opened against the Stoppage of the Terms.*

Galen saith, it must be when Nature may be helped, and the Blood moved; that is, three or four Days before the usual Time of their coming, as if she had been always in the full of the Moon, and they have been stopt some Months; Bleed three or four Days before the full, to put Nature in mind of her Duty, and to make the Blood run again.

CHAP. IV.

Of Fewness of the Terms.

IT is when they flow less than they use or ought to flow:

It is either from the Blood or in, the expulsive Faculty in the Passages. As if the Blood be little *The Cause.* the Terms are few and flow. If the retentive Faculty is weak, and the expulsive strong, they come at due Time, but in small Quantity, If the Terms are flow, the fault is in the Quality of the Blood, being too thick: Also Straitness of the Passages may be a Cause; for if they be not wide enough, the Blood cannot flow freely.

The Patient will tell the Disease; but the Cause *The Signs.* of it is to be found in the Chapter foregoing.

Few Terms from little Blood is not dangerous: *The Prognostic.* If they be stopt from thick Blood, there follows Diseases, as *Erysipelas*, *Scirrhus* or *Cancer*.

See the Chapter foregoing for the Cure and if *The Cause.* it be from Thickness of Blood, it is often cured by a general Purge of the whole Body.

CHAP. V.

Of dropping of the Terms.

THIS is a Flux, and lasts long, and there is Pain. The Blood flows not conveniently at the due Time and

Manner, and the Privities are always wet, as when the Urin drops.

The Causes. Are from the Blood and the Passages of it, and the retentive Faculty; as when the Blood is too thick and sharp, which stir up Nature to let it out; and because it stretcheth the Membranes, there is Pain. Also the Weakness of the retentive Faculty is a Cause.

The Women declare it; but if it be from thick blood, and sharp and strait Passages, there is a stretching

The Signs. Pain about the Womb. If it be from Crudity of blood and Weakness of the retentive Faculty, the blood flows without Pain, and is not much felt.

The Prognostic. It is Troublesome to Women; and if it last long, causeth Ulcers and Inflammation.

The Cure. It is all in mending of the thick and sharp blood, and in opening of the Passages, which are the two chief Causes of it, of which we speak at large.

If blood be superfluous, lose it not, nor open upon the Ankle Vein, lest you draw it more to the Womb, but take away Cacochymy.

If it be from Weakness of the retentive Faculty, strengthen the Womb with Driers and Astringents.

C H A P. VI.

Of the Overflowing of the Terms.

IT is when it is too much or too long, and hurts any Woman, and brings Diseases; but a certain proportion of bleeding is not to be defined; but too much is lost, when the Actions are hurt.

The Causes. The Immediate Cause is the opening of the Gal. 3. de Vessels, and the Immediate Cause is the blood in *symp. Causes* Quantity and Quality offending, or by its force c. 2. & 5. or disorderly Motion.

Apb. com. Vessels are opened dy Anastomosis, Diapedesis, 57. Diæresis or Ruption, or by Diaurosis, or Corrosion, Anastomosis is from a moist Distemper of the Vessels, which loosneth the Orifices: Or from external Causes, as baths hot and moist; or use of Aloes.

The Flux is seldom too great from a Diapedesis, for it is but a sweating through. Ruption is from Plethory when the Terms

Terms have long been stopped, and then break out, and when the blood is hot by Air, Baths, &c. The outward Causes are Falls, Strokes, hard Travail, great burthens lifted.

Erosion is from sharp Blood or Humour, or from Medicines that corrode; as Pessaries long kept. For this great Flux is chiefly from the Veins in the Bottom of the Womb.

The Flux of blood is too great, when the Strength abateth, and Cachexy follows with *The Signs.* Paleness, swollen Feet, and the Blood that comes from the bottom of the Womb, is blacker and clotted; that from the Neck, redder and thinner.

The Signs of the Causes. If it be from much Blood, there are Signs of Plethory, and is easily clotted together. If the Blood be sharp and choleric, it is putrified in the Womb: you shall know waterish Blood by its colour, and the Signs of that Humour abounding; and if you dip a Clout in it, and dry it in the Shade, you may see it. If the Womb be too moist, such Causes went before. If it be from breaking of Veins, they will tell you of Violence; if it be from Corrosion, it is little and flow, sometimes pure, sometimes serious.

It weakneth the whole Body, the Liver and *The Prognostic.* the bowels. There's Swooning, the Whites, and Paleness, and Dropsie sometimes. That which hath been long, is hard to be cured, and causeth Deaths and in an Old Woman it is deadly.

If there be Fulness, abate the blood and keep *Indications.* it from flowing to the Womb, revel it, repel, cool and astringe it, that it may not flow so fast, and then amend the Blood.

If it is from plenty of blood, open the Liver. *The Cure* Veins in the right Arm; bleed little and often because it makes better Revulsion, and weakens not; open the Salvatella, if there be Weakness, and Cup the Back and Breast against the Liver, beneath the Paps, where are Veins from the Womb. Cup not beneath, *Gal 5. aph* but in the Shoulders, or back and Arm with Sca- *Con. 50.* rification; but scarify not under the Breasts.

Bird and rub the Arms and Shoulders, and temper and thicken the sharp thin Humours, with Decoctions and
I 5 Water,

Water of Plantain, Purslane, Sorrel, Knot-grass, Shepherds-Purle, Pomegranate, Syrup of dried Roses, Sorrel Purslane, Coral, Conserve of Roses, Bole, sealed Earth.

If it be urgent, use Narcotics, syrup of Poppies, Treacle, Philonium, Laudanum.

If it still continue it is fed with Choler, therefore Purge it with syrup of Roses, Manna, Rhubarb, and Senna.

If it be fed with ferous Blood, help the Reines that do not their Duty, and the Liver and sweat with China.

You must not provoke Urine, but use Astringents, As, Take the Juice of Afs-dung, syrup of Mirtles each half an ounce; Plantain-water an ounce. Give it her, and let her not know what it is.

Decoctions, Take Comfry-roots Tormentil each two drams Purslane, Plantain, each a handful; boil them: Add to six ounces syrup of Currans, Quinces, Mirtles each six drams; Give it at twice. Or, Take syrup of Purslane, Juice of Nettles, each two ounces; Purslane-water four ounces, Troches of Amber, sealed Earth, each a Dram; Blood-stone half a Dram: Give two Spoonfuls every Day.

A Water. Take eight Pints of Water, with Starch, Barly meal and Rice, dried Roses a handful, Juice of Yarrow, Plantain each half a Pint; Comfry-Roots in all three ounces; Horsetail, bloodwort, each half a handful; Pears and Quinces, Pomegranate Flowers, all Sanders, each half an ounce Mastic an ounce: Distil them and give two ounces, with half an ounce of syrup of Roses or Parslane.

Electuaries, Conserve of Roses two ounces; Quinces an Ounce and half; Troches of burnt Ivory and sealed Earth, each a Dram; Crocus Martis, bole, red Coral prepared, Mastic, each half a dram: With Syrup of Mirtles, make an Electuary.

Powders. Take Mastic, red Coral prepared, each a dram; Pearl, Smaragds prepared each a scruple, bloodstone half a scruple, bole half a dram; make a Powder.

Michael Paschal cured many with this Powder. Take two Eggshells, burnt Frankincense, Mastic, each half an ounce; Pearl, red Coral and Amber, Lib. de curat each two drams; bloodstone, Smaragds prepared, each half a scruple; of barley Flow- morb. cap. 55.

ers two Pugils whites of four Eggs, with Steele Water, make Cakes. Give from half a Dram to a Dram in Powder, with Trotter-broth in the Morning.

Or give every Day a Dram of the Powder of *Ex petra-* Mulberry-Tree Root. Or, Take a lump Turtle, *fores to.* drawn and pluckt, wash it in Rose-water and red Wine, put an Ounce of Mastich in the Belly of it, stick it on, and roast it and baste it with Vinegar of Roses. Then put it in a Glass close luted, to be dried in an Oven; then beat all of it to Powder. Give an Spoonful with Plantain Water, or an Astringent Decoction. Anoint the Bottom of the Belly, Reins and Groins, with the dropping of it.

Or make Rolls thus; Take Bole half a dram, Magistery of Coral a dram, Pearl prepared a scruple, Sorrel and Plantain Seed, each half a dram; *Aromatiacum rosatum*, Tragacanth, each half a dram; with Sugar dissolved in Plantain-water, make Rolls.

In the use of cold Astringents, take heed you stop not the Veins, and the Heat be cooled. If these held not, use Narcotics, as Troches of sealed Earths, and Amber with Opium. These Astringe also.

Use no Pessaries, except the Veins in the Neck of the Womb be open. As, Take Snakerweed, Tormetil, each half an Ounce; Pomegranate-flowers, Plantain seed, each two drams; Comfry-roots half an ounce, Frankincense, Mastich, each a dram; Acacia, Sanguis Draconis, each two scruples; Blood-stone, Starch, each a dram and half with the white of an Egg and Gumtragacanth dissolved in Rose-water, make Pessaries with red Silk.

Worm Clyster. Take Juice of Yarrow, Solomon-seal, each two ounces; Mucilage of Gum Arabic made in Plantain-water two ounces; make a Clyster.

A Fume. Take Frankincense, Mastich, each two ounces; Juice of Plantain, Solomons-seal, Horse-tails, each an ounce; boile the Juice away, add Bole, Plantain-seed, Myrtle-berries, Cerufs, each half an ounce; with Wax make an Ointment. Or use the Countesses Ointment to the Loins add Pecten.

Cataplasms, Take Quinces, Pearls boiled in red Wine, and Bole, Mastich, Sanguis, Draconis, Acacia, make a Cataplasme or a Cerot. Or Take Sorrel and Plantain-seed, Parslane-seed, Bole, Sanguis Draconis, each two drams; Frankincense, Mastich, Myrrh each three drams; Turpentine, an ounce, with Juice of Plantain,

Tarrow, and Wax, make a Cerot after the Juices are boiled away.

Fomentations are better than Baths: For they make the Humours flow more. Let them be astringent and cool. Or wash the Legs and Hips in cold water. Lay Epithems to the Liver, Ointments, Cerots or Plaisters.

If Choler offend give Rhubarb and conserve of Roses to evacuate the Cacochymy.

If Blood flow from a Vein broken, use Coral, Bole, Mirrles, Centrey, Acaeia, Hypocistis. Or apply a Pultis of whites of Eggs, and astringent Powders.

If it comes from a Vessel corroded, use Stoppers and Glutinaters that are slimy, as Dropwort Roots, a dram with a rear Egg.

Let the Diet be as the Physic is. In a Flux from Plethory, eat little, and that of little Nourishment, and in other Cases, give Things to close the Vessels sleep long and use little Venerly, little or no Exercise, Anger, Hurts. and other Passions.

Quest. Whether Fictions or Ligatures in the Leg may be made for Revulsion?

Hippocrates and Galen are misconstrued in his eight book of Blood-letting, and they are not to be used in the Flux of the Terms.

C H A P. VII.

Of the Terms flowing with Pain and Symptoms

THE Symptoms are Pain in the Loins or Thighs, Head-ach, biting at the Mouth of the Stomach, Pain in the Belly and Loins fainting.

The Causes. They are as in Suppression of Terms, but less vehement, and are in them that have not conceived. There is Obstruction, thick and gross blood that strengtheneth the Vessels, and the blood flows not orderly.

The Signs. A little before the Terms there is Head ach, biting at the Stomach, Pain in the Loins and bottom of the Stomach, with beating at the Heart and fainting. When the Pain is from thick blood, it comes forth in Clods and the Pain is worse than before. If it be from Wind, it is sudden, and stay not in a Place, and there is rumbling in the Belly.

The Prognostic. Take heed it turn not to the Stoppage of Terms, if it be neglected. It is greater in barren Women and Virgins, than in those who have had Children.

Then

Take away the Cause; if they be thick Humours evacuate them after they are prepared: If sharp, temper them. They attenuate Blood, Water of Grasse Roots, Maiden-Hair, Decoction of the opening Roots, Syrup of Maiden-Hair, of the 5 Roots, Treacle, and the like, in the Stoppage of the Terms.

Against Pain, use the Fomentations and Ointment in the Chapter of Pain of the Womb.

C H A P. VIII.

Of evil discoloured Terms.

THis is call'd the Terms deprav'd by bad Humours and so they are voided.

Blood is foul, either from Diet to revil, Hu- *The Causes.*
mours, or Stoppage of it. - The Humours are
Flegm, Choler, or Melancholy mix'd with it and then the
Terms are either pale, blue, green, or black and stinking,
or white and Flegmatic. They are so from a Fault in the
Stomach. The pale and yellow are from too great Heat in
the Liver. The black are from the Spleen disorder'd.

That Blood which is natural, is different from *The Signs.*
the Colour and Substance: It is like that of a new-
slain Sheep, not thicker nor thinner, and the bad *Lib de morb.*
Terms come not sooner or latter, of which *Hip- mulier.*
pocrates. You may know by the Colour what Hu-
mour predominates, and by the Substance. The Flegmatic
and Melancholy are long in coming and the choleric waterish
Terms come quicker,

The more they differ from the natural state *The Prognostic.*
the worse they are; black and stinking are
worst. The Mattery are worst of all. If these flow seven,
eight or nine Day she is cured: If they ulcerate the Womb,
she is Barren.

Hippocrates saith, they must be purged and pre-
par'd with proper Things, as we shew'd in the Dis- *The Cure.*
tempers of the Womb. But take heed that you 5. *Aphro.*
move not the Terms when you attenuate: For that 36.
will melt the serious Humours and fix them more in
the Vessels: Use neither Vinegar nor sharp Things.

After Purging, consume the Reliques by Sweat; if Cho-
ler be in Fault, that must not be sweated out, discuss it with
warm Baths, and do so in Melancholy. Use Pessaries, Fo-
mentations and Fumes to the Womb.

Give Treacle, Mithridate, or the Decoction of Angelica
Roots, if cold Humours are the Cause. C H A P.

C H A P. IX.

Of Term coming before their Time.

THese shew an ill Constitution. And it is a deprav'd Excretion of the Terms that come for the Time often: For sometimes they flow sooner or twice in a Month.

The immediate Cause is Hurt of the retentive and expulsive Faculty so that the Blood flows not, or sooner *The Causes.* or later: The Cause why they come sooner, is in the Blood that stirs up the expulsive Faculty in the whole Body, or in the Womb: Sometimes it causes Heat, the Blood is too sharp and hot: and if the retentive Faculty in the Womb be weak, and the expulsive strong and of quick Sense, it is sooner.

The Signs. A fall, stroke, or Passion are the evident Causes. They will relate it: And the Sign of the Causes are these: If it be from much Blood, there are the Signs of Plethory, Heat, Thinness, and sharp Humours are known by the Distemper of the whole. The Weakness of the retentive Faculty, and looseness of the Vessels, is known from a loose and moist Habit of Body.

The Prognostic. It is not dangerous but troublesome, and hinders Conception.

The Cure. If they come too soon from Hurt in the Faculty provok'd by too much Plethory, let Blood, use a spare Diet, and much Exercise. If it be from sharp Blood, temper it by good Diet, and Medicines, as in the Choleric Distemper of the Womb.

Use Baths or Iron-Water, that correct the Distemper of the bowels; then evacuate.

If it come from the retentive Faculty and Looseness of the Vessels, correct the cold and moist Distemper with gentle astringents.

If it be from a Stroke or Fall, cure it as the Vessels open'd are cur'd, of which before.

C H A P. X.

Of the Terms that come after the usual Time.

WHEN they stay longer than ordinary, and return without Order at no set Time: The Causes are little and thick blood, straitness of the Passages, Weakness of the expulsive Faculty

Faculty and Dulness. Either of these Causes may stop the Terms; but if all meet, the Disease is worse.

For if blood be not bred in such a Quantity, that may prick Nature forward to expel it, the Purging of it is deferr'd, till here be enough to stir up Nature to expel it. If thick Humours are in the blood, the Passage stoppt, and the Faculty weak, the Terms must needs be disorder'd, and the Purging of them deferred longer.

If it be from want of blood, she hath either liv'd *The Sign* poor in Diet, or exercised too much, and she finds no inconvenience by the want of her Terms. If it be from gross slimy blood, there are Signs of Cacochymy. The Weakness of the Faculty is known by the cold Distemper of the Womb.

It is not so dangerous as Stoppage of the *The Prognostic.* Terms, but it is bad enough in a Plethoric or Cacochymical Body.

If little Blood be, use a fuller Diet and exercise *The Cure.* not. If blood be gross and foul, make it thin, and cut it, and after Preparatives, let the Humours mixed therewith, be evacuated. It is good to purge presently after the Terms, and to use Cataplasms, and to purge often.

Also four or five Days before the Terms, scarify the Ankles, and hold the Feet in warm Water. rub the Legs, apply Cupping Glasses without Scarification to the Inside of the Thighs, and use Fumes and Pessaries.

Anoint the Bottom of the belly with Things to provoke the Terms. If there be a Numbness, use Thing against the Palsie.

CHAP. XI.

Of the Terms voided another Way.

Sometimes they come out of the Nose. or are Vomited up or flow out of the Hæmorrhoid-Veins. Hence Hippocrates saith that a Woman that vomits blood, is cured by having her Terms, *De morb. mul. 5. Apho.* or by a bloody Flux. Sometime they *32 obser. medit. cap.* are pissed forth. *Dodonæus* says, that *15. Lib. 1 de affect.* they come out at the Eyes like Tears. *mul. c. 7.* *Amatus Lusitanu* saith, they will come forth

at the

at the Teats of breasts, and at the Navel, at the little Finger, or ring Finger every Month, as *Mercatus* observ'd thrice.

Are Stoppage of the Terms from Straitness of *The Causes.* the Vessels in the Womb, or evil Confirmation of the Womb.

The Prognostic. It is more troublesome than dangerous, and hinders Conception. It is best when they come out at the Nose. For it is a part that Nature useth to disburden herself by

The Cure. First, Bring the blood to the Womb again, abate it. Open the Ankle-Vein three Days before she begins to bleed, or cup the Things, or rub them or use baths, Fomentations, Ointments, Womb, Clysters, Pessaries, and the like mention'd in suppression of the Terms.

CHAP. XII.

Of the Whites.

IT is a foul Excretion from the Womb, white and sometimes blew, or green or reddish, nor at a set Time, nor every Month, but disorderly, longer or shorter. Before or after the Terms; and when they are stopt. Virgins seldom have this Disease, and Women with Child have it sometimes.

It differs from the running of the Reins; for it is in less Quantity, whiter and thicker, and at a greater Distance. It differs from Night Pollution, which is only in sleep with the Imagination of Venery.

The Causes. The immediate Cause is an excrementitious Humour, Flegm, Choler or Melancholy. Some times it is like waterish Blood. It is gather'd in the whole body, or in the Stomach, Liver or Spleen. For they who have crudities in the Stomach, are subject to this Disease. Sometimes the Womb alone is distemper'd after often Mischances. or when the Womb is very cold and moist.

This Matter flows through the Veins of the Womb, or of the Neck of it, which use to carry blood, and Nature abuseth them to carry Excrements especially if they are bred in the Womb.

The remote Causes, are whatsoever doth breed bad Humours; some have it after strong Purges, or long Bathing. Sometimes

Sometimes they are pale sometimes blue, *The Difference*. red, waterish and green; sometimes slimy, or Cold, or Sharp or Stinking. In young People it is reddish.

The Face is discoloured, the Urine thick; there is sloathing and Heart-ach. If the Humour be sharp *The Signs*. and corrupt, there is a Fever. If it be Flegmatic, *Lib. de nat. mulierum*. and much, the Ligaments of the Womb are loose and it falls out; thus *Hippocrates*, and there are, saith he, swelled Eyes evil Colour, and short Breathing.

If it be not bred in the Womb the Humour is from a Cachymy: If it be from a Fault in another Part, the Signs of that will appear; if it comes only from the Womb, there will be but little: If from the whole body there will be but more.

It is often, long with little Inconvenience, but it must be looked to, lest it be worse: For *The Prognostic*. it often breaks, Ulcers, Cachexy, falling out of the Womb, Consumption, Fainting, Convulsions, when the Matter is sent to the brain or Nerves. And the worse the Humour is, the greater is the Disease.

It must not suddenly stop, lest it go to the *The Cure* noble Parts.

First, See whether it be from the Whole Body or any Part, or from the Womb itself. If from the whole Body, which is often, make general Evacuation, and turn the Humours from the Womb, and keep a good Diet, lest they come again.

I allow not bleeding in the Arm, if the Terms be stop; for they cause a Cacoachymy, which admits no bleeding. Moreover, the Mass of blood may be made foul by them; therefore find out whether it comes from Cacoachymy, or Plethory. And when it is most like to come from Cacoachymy, bleed not.

Therefore, If Flegm abound, which is most usual after general Purgings, consume the Reliques with Guajacum and Sarsa, and a drying Diet, and by provoking Urine, of which hereafter.

If sharp and cholerick Humours abound, temper them with gentle Astringents, as Succory, Endive, Sorrel; to prepare, purge with Rhubarb, Triphera, Persica, aggregative Pills, and Pills of Rhubarb. If it be Melancholy, do as in Melancholy.

If it be Water, cure it as *Galen* did the Wife of *Bacchus*. c. 3. *lib. de prognost ad posth.* If it

If it be in the stomach, Liver, or the like prevent it from Increase; and because it is moist about the stomach, give a Vomit, but not too strong. Then strengthen the stomach with hot and dry Medicines. If Choler abound, the Distemper is hot, and then cool it.

If it come from the Womb, do as I shewed from what Cause soever it is. Baths are good to evacuate, and divert and strengthen, and take away a moist Distemper, provided the are proper for the Constitution.

Use Driers and Astringents. As, *Take Conserve of red Roses 4 Ounces, of Succory 2 Ounces. red Coral, Snakeweed, Tormentil Roots, Ivory, each 2 Drams; with Syrup of Mirtles, make an Electuary.*

Or, *Take red Coral, Bole, sealed Earth, each an Ounce Pearl prepared a scruple with Sugar of Roses, as much as all, make a Powder. Or, Take Diarrhodon a Dram, Sanders a Scruple, Coriander 2 Drams, Mastick, Coral, each a Dram; with Sugar make Troches.*

But use not these Astringents till the body be purged, lest the waterish Humours be stopt, and the belly swell; but you may use hot driers safely, as Treacle, Mithridate with Conserve of Roses and Wormwood

As, *Take Conserve of Rosemary Flowers an ounce. Diacorus 2 drams, Diarrhodon Aromaticum Rosatum, each a dram; red Coral prepared a dram and half; treacle 2 drams, with Syrup of Citron peels, make an Electuary.*

And lest the Womb be hurt with evil Humours, inject the Decoction of Barley, Honey of Roses, and Whey, with syrup of dried Roses. Or of Wormwood, Mints, Motherwort, red Roses, Alum. And then use Fume of Frankincense, Labdanum, Mastick, Sanders, Nutmeg, red Roses.

Avoid crude and moist Things, and Fish Milk and all sweet Meats and salt. Forbear suppers, Drink red Wine: Sleep and Wake moderately, lie not upon the back, lest the Loins be heated, and the Humours sent to the Womb.

Quest. *Whether are Diuretics good in the Whites?*

Diuretics that provoke Urine, do also provoke Terms; therefore the reliques of the Humors would be carried by them to the Womb, but these move the Terms secondarily; But if the body be well purged first, they will not make the Flux greater, but bring it out by Urine.

C H A P. XIII.

Of a Gonorrhæa.

THE Running of the Reins may be in all Women that are fit for a Man; for it is the Flux of natural Seed. It is in Men and Women from the *French-Pox*; but when stinking Humours do flow, it is not properly called Gonorrhæa.

The chief Cause is the Weakness of the retentive Faculty, and the Looseness and Largeness of the Seed Vessels: The Causes of these are shewed in the Gonorrhæa of Men. *The Causes.*

The Woman will declare it, and the greatness and the Colour: For if it be white and little, and thick, and at distance, it is a true Gonorrhæa. *The Signs.*

If it continue, it brings a Consumption and Barrenness. *The Prognostic*

The Cure of a Gonorrhæa, and Night-Pollution is *Pract 3.* but I shall add this, if it come from plenty of Seed, the Buds of the Salix or Willow, is good with Wine. If it be from Weakness of the retentive Faculty, give *Caster half a scruple*, and use astringents to the Belly, Reins, and Stones; or a Bath of Willow Leaves, Mirtles, Quincey. each 2 handfuls: Rosemary, red Roses, each a handful; Cypress Nuts 3 Ounces: Let her sit in up to her Navel. And apply Bags of the same to the Loins. Kidney, Privities, and anoint after, with Oyl Mastich and Mirtles. *The Cure.*

C H A P. XIV.

Of strange Things voided by the Womb.

THERE is Matter often voided by the Womb, of which before.

And sometimes Stones and Gravel breed in the Womb, as *Ætius*, and *Peter Saltus*. *Diversius* speaks of a Nun, that after a Pain that no Medicine could Cure, voided a rough Stone as big as a Duck's Egg, and then she was at Ease; but a foul Flux of the Womb followed, of which she Died. *Hippoc. 5. epid let. 4. ser. 4. c. 98.*

Worms.

Gracius Lapius writes, that he saw a Woman that voided many Ascarids of the Womb. *Lib. var. let. c. 13*

Of the Symptoms that befall all Virgins and Women in their Womb, after they are ripe of Age.

C H A P. I.

Of Virginity.

IT is the Integrity of Womens Privities not violated by Man: But what are the Signs of Virginity, is a Question. I think thus:

Quest. 1. *Whether doth the Hymen, which is the Signs of Virginity, appear in all Women?*

Some say there is no such Thing, and if a Membrane be there, it is preternatural, and a Disease in the Organ called the closing of the Womb:

Some famous Physicians and Anatomists say, there is a Hymen, which is the Sign of Virginity: It is, *they say*, a Membrane wrinkled with Caruncles like Mirtle-berries, like the Bud of Roses half Blown. Hence came the Word *Deflower*:

I think with the Ancients, that there is something in these Parts that distinguisheth Virgins, from Women, which is violated in the first Copulation, Many say they have it, and we may believe them: For it is certain, that there is an Alteration at first in Virgins, which causeth Pain and Bleeding, which is a Sign of Virginity.

But what this is, it is not yet known manifestly: Some say it a nervous Membrane, with small Veins, which bleed at the *first bout*; some say, there are four Caruncles tied together with small Membranes: Some have observed a fleshy Circle about the *Nymphæ*, with obscure little Veins, which makes the Membrane not to be nervous but fleshy,

To be short: I suppose it to be certain, that the Part which receives the Yard, is not in them that have used a Man, as in Virgins, nor is it alike in all; and this hath caused the diversity of Opinions in Anatomists. Moreover this is not found in all Virgins, because some are very lustful, and when it itcheth, they put in their Finger, or some other Thing, and break the Membrane: Sometimes the Midwives break it.

Quest. 2. *Whether do all Virgins at the first Bout of Copulation bleed?*

The *Africans* had a Custom to shut the Bridegroom and Bride up in a Chamber after they were married, till they prepared the Wedding Dinner, and an old Woman stood at the Door, to receive a bloody Sheet from the Bridegroom, that she might shew it in Triumph to all the Guest, and that they might feast with Joy. And if there was no blood to be seen, the Bride was to be sent home to her Friends with Disgrace, and the Guests went sadly home without their Dinner.

Some say from experience, that some honest Virgins have lost their Maiden-heads without bleeding, and that it is a certain Sign of Virginitie when they bleed, and when they do not, they are not to be censured as unchast. I hold that young Virgins will bleed, but when they are in Years, by reason of the long continuance of the Terms, the parts are harder and longer; and if the Man's Yard be small, there is no Necessity of bleeding Or if the Girl was wanton afore, and by long handling hath dilated the part, or broke it, there is no blood after Copulation. Therefore *Deu chap. 20.* the Law of *Moses* is taken for that which happeneth often, and for the most part. And there can be no more gathered from hence, but bleeding is an undoubted Sign of Virginitie The same may be said of the *African* Custom.

Quest. 3. *Whether is the Straitness of the Privities a Sign of Virginitie.*

The Privities are straiter in some according to Age, habit of Body, and other Circumstances, and Virgins are straiter than Women that have been at it: But I deny that Straitness is a certain Argument of Virginitie; for after many Acts of Venery, it may be made so strait by Astringent Medicines, that Whores may be taken for Virgins, as we shewed concerning a Wench that was married and to appear a Virgin, she used a Bath of Comfry-roots.

Quest. 4 *Whether is Milk in the Breasts a Sign of Virginitie lost?*

Some say, That there can be no Milk in the Breasts, till a Woman hath conceived: And Virgins have neither the Cause nor the End why Milk is made: And the Terms stopt, do rather corrupt than turn to Milk. And though there be always in the Breast a Faculty to make Milk; yet doth it shew its power, but upon an Object, and for some End.

Some

5. *Arb* 39. Some say, That Virgins may have Milk and
Gal. incom urge this saying of *Hippocrates*: *If any have Milk*
Lib. 3 anat when she is neither with Child nor Breeding, their
cap. 4 com Terms are stopt. *Galen* is of the same Opinion;
in aphorif and though it be seldom, yet he saith it is pos-
Lib. 5. 39. sible; And *Alexander Benedictus* and *Christopher de*
Veba saw it We shall not contradict *Hippocrates*

and Experience; but there is a two-fold Milk: The one of
 Virgins, the other of those that have brought forth or con-
 ceived. The first is made of Blood that cannot get out at the
 Womb, but goes to the Breast; and this is nothing but a su-
 perfluous Nourishment of the Breasts, that turns Milk by
 the Faculty of the Breasts, without the Company of a Man,
 or Conception. The other is only when there is a Child Of

this Milk it is true what *Hippocrates*. writes, *It is*
Cit loc. de a certain Sign of a Male, when great bell'd Women
morò. mu- have no Milk in their Breasts; and true Milk in the
lierum. Breasts is a Sign of a live Child in the Womb.

The Milk differs in respect of the blood and
 diversity of the Veins, that bring it to the Breasts; and tho'
 both are white, yet that of Virgins are thinnest, nor is it so
 much, nor so sweet; this may breed in the
 1. *De hist.* Veins according to *Aristotle* from the superfluous
ani. c 12. Nourishment of the Breasts; and if Virgins have
 it, they are not to be termed unchast.

CH A P. II.

Of the Green-Sickness, or White Fever.

THIS is in Virgins fit for a Man; It is called the Virgins
 Disease, and the White Fever; not that there is always
 a Fever. It is thus defined.

The Virgins Disease is the changing of the natural Colour
 into pale and green, with Faintness, heaviness of Body,
 loathing of Meat, Palpitation of Heart, difficult Breathing,
 Sadness, swelling of the Feet, Eye-lids and Face, from de-
 praved Nourishment.

The Causes The first Cause is stopping of Terms, the next
 is the gathering of bad Humours: For When
 the Way to the Womb is stopt, the blood returns to the great
 Vessels and Bowels, and choak their Heat, and stops the ves-
 sels

fels and spoils the making of blood; and then they are Crudities, which being brought to the habit of the body, cannot be united perfectly to the Parts and caufe Cachexy which is the way to a Dropfy and Loucophlegmacy, and divers Symptoms. The Causes of the Obstruction of the Vessels of the Womb, are crude Humours, and Flegmatic, Slimy Blood from evil Diet, and drinking of Vinegar, or eating raw Corn, Chalk, Ashes, Lime, Earth, Clay, and the like.

There is a pale green Colour, the Face is swollen, and the Eye-brows in the Morning, after Sleep, *The Signs.* especially, the Ankles swell, and the whole Body is loose and moist from much Water; The Legs are lazy, the Pulse is little and often, in the Neck, Temples and Back. The Heart beats, the Breath is short when they go up Stairs; they loath Meat. Some have the Pica, or desire to eat absurd Things. The Terms are stopt. Hypochondria are swollen. Sometimes they vomit. If Vapours fly to the Head, there is Thirst and Head-ach: And if Melancholy be mixed, the Animal Actions are hurt.

These are not all, in all People; but most are in most, and some in all.

It is often turn'd to a Dropsie. Some after Death have a Schirrhous hard Liver. Some die suddenly, *The Prog-* the Heart being oppress'd. If the Stomach be much *nostic.* afflicted, it is dangerous, and they loath Meat much. If it come from the Womb alone, it is easier cured.

It is best to begin in the Spring or Summer. After a Clyster, open a Vein in the Ankle. Then heat *The Cure.* the thick cold Humour, and make it thin; and because it is too much to be purged at one, prepare and purge at once, prepare and purge often, and mix attenuaters and cutters with your Purges.

When the Humours are above the Stomach and Mesentery, it is good to vomit, those that can easily vomit, and to give Liver Physic, or Spleen or Womb Physic, even as in Loucophlegmacy, see the Chapter of Terms stopt. But in this Disease, always consider the Liver, Spleen, and Mesentery; the Obstructions of which are cured with Things before-mention'd.

At First open the Obstructions of these Parts with some few Things that provoke Terms, and after give more

Thus:

Thus: Take opening Roots an Ounce, Madder, Eryngo, Orris, Elecan pane, Citron Peels dried, Sarsa each half an Ounce; Mugwort, Agrimony, Germander, each a handful; Sarvin two Pugils, Carthamus seed an Ounce, Senna two Ounces, Mechoacan, Agaric, each half an Ounce, Stæchas Flowers two Pugils, Fennel, Anniseed, Galengal each two Drams: Boil them to a Pint and half; sweeten it and add Cinnamon-water three Drams. or infuse them all with Sea Wormwood half a handful, common Wormwood two Pugils. Or, Take Agaric Pills of Rhubarb, each a Dram; Quercetan's Pills of Tartar, and of Ammoniacum, each half a Dram, Spike a scruple, Oil of Cinnamon three Drops, Extract of Wormwood half a scruple, make Pills: Give a scruple an Hour before Meat, Or, Take Juice of Mercury clarify'd, Honey or Sugar each an Ounce; add Gith seed, Senna, each two Drams; Mechoacan a Dram, make a Mass; or give Conserve of Marigold Flowers.

Steel is an excellent Remedy after Preparatives, with proper Drinks or Ingredients. And if the Vessel of the Stomach are stopt, give a Vomit, and then gross Powder of Steel.

If the Mesentery be stopt; Take *Diarrhodon*, *Da Hoc lauda* *acurcuma*, Agaric, each a Dram; Carthamus seeds two *Morcatus.* Drams, red Dock-roots, Carrot seed, each a Dram and a half; Cloves a Dram, Steel prepared two Ounces; with clarify'd Honey; make an Electuary: Give two or four Drams. If the Vomit, stopt it not.

If the Liver be chiefly stopt, let the Steel be finely powdered. And take of it a Pound, add eight Ounces of Wine in a Glasse, set it in the Embers, stir it, and let it boil twelve Simmers till you see it froth, and grow a little thick; then pour the Froth and all into another Vessel. Do thus four times, and then let it be gently boiled, till it be thick as Honey. Then take Parsley, carrot-seed, *Diacurcuma*, *Diarrhodon*, each a dram, and an half; cinnamon a dram, Steel prepared six drams, with Honey, make an Electuary: give three drams, or five after Exercise.

If the Spleen be stopt, Take Seed prepared a Pound, wash it with Vinegar, then strain it, and lay it on a Clout, and add Powder of Cloves half an Ounce. Let them stand so a Day and a Night, then put them in a glazed Vessel, and ten ounces of White-wine, *Diarrhodon*, Harts-tongue, Senna and Capen bark, then stir them, then set them in the Sun for a Day, or in an Oven. Do this ten Days till the Steel be melted in the Wine

Wine, and little or nothing at the bottom. Give two ounces of this in the Morning, after Purging and Exercise.

Or, Take Steel prepared an ounce, Cinnamon, Anniseed, each two Drams; Diamoschus without Musk a dram, Sugar an ounce, make a Powder, give a dram; drink White-wine and Mugwort-water after it.

Steeled Wine, Take Steel in Powder three ounces, Cinnamon half an ounce, White-wine three pints. Set them in a close Glass eight Days in the Sun, stir them every Day. Give six or eight ounces four Hours before Dinner, for fifteen or twenty Days, and walk after it.

At first give a Steel Medicine to prepare. As, Take Steel-filings four ounces, put it in an Iron Crucible or Ladle, then cast it into two Pints of Water of Hops, Grass, Madder, borage or Spring-water: Strain it, and do so seven times. Then, Take so many ounces of new Steel, and cast it into Water as before; strain and add Syrup of Violets, borage or Honey of Roses four ounces; give three ounces in the Morning after Exercise. Prepare thus three or four times, and then use stronger.

After Steel use Scorzonera, steep all Night in Wine, give it in the Morning. This hath cured Obstructions in many.

Bezoar-stone, saith *Mercatus*, opens Obstructions in my Experience, and resists Venom: *Mercatus*. Give six or seven Grains.

Steel is best Spring and Fall, purge and exercise before and after it, that it may be better dispersed. Use Preparatives, Purges, and strengtheners often, and for a long time, and change the Forms, lest the Patient loath them.

If Water spread about the body, cool the body, and make it heavy. Use Sweats, as baths natural or artificial, of Mugworts, calamints, Nep, Danewort, Sage, Bays, Rosemary, Mercury, Ivy, Briony-roots, Orris, Elecampane.

After purging and opening Obstructions, all the Symptoms will vanish; if not, see for the Symptoms of the Womb.

Let the Air be temperately hot. The Meat of good Juice, and easie Digestion. *The Diet.* pot-herbs, and green Fruits must be avoided, Fish, Milk, Lettice. Make sauce with Sage and cinnamon, drink Wine. Let bread be well leavened, with Fennel-seed, drink no Water nor broths at first, and in the declination of the Disease, use Exercise and enery. Let Sleep be moderate.

Quest. 1. *Whether may the Women in this Disease be allowed the absurd Things t'ey long for?*

They are Virgins or Women with Child that long for such Things. Virgins must not be allowed them, as Chalk, &c. For they will increase the Disease.

Women with Child must be pleased with fair Words to abstain from them; but if the Appetite will not be allayed, rather grant them, than suffer an Abortion or Mark upon the Child.

Quest. 2. *Is Motion and Exercise good in Green Sickness?*

They are better than Idleness, which heap up Crudities, they raise the languishing Heat in the bowels, and help the Nourishment to be distributed: Therefore they are to be used before the Disease be great, and in the decilnation they discuss the Humours.

But use Moderation, lest you weaken the Body, or choak them. First therefore, use Fictions, then watching, then more Exercise after convenient purging.

Quest. 3. *Whether is Venery good for Maids in the Green Sickness?*

Hippor. It is probable and agreeable to Reason and *Lib. de Morb.* Experience, that Venery is good, *Hippocrates* *Virgin.* bids them presently marry: For if they conceive, they are cured. *John Longius* saith, this Disease comes in the ripeness of Age, or presently after. Venery heats the Womb and the Parts adjacent opens and loosens the Passages, so that the Terms may flow to the Womb.

But if there be a great Cachochymy, take that away, before she be married; and then Venery may do more than Physic. But use it not in the vigor of the Disease, or in Weakness.

Quest. 4. *Whether is Blood-letting good in this Disease?*

A Cachexy beginning with coldness of the *Lib. de* whole Body, seems to deny bleeding; and because the crude Humours are in fault rather than Blood, but *Hippocrates* adviseth bleeding at the first.

If it be a new Disease, and comes from stopt Terms, and blood abound that is stopt, and not turned into another Humour, you may boldly bleed, provided the strength permit; and the Passages be open. But in an old Disease when crude Flegm abounds, bleed not, for it will increase the Disease.

CHAP.

Of Symptoms from the Womb, and Mother-fits in general.

IT is not to be expressed what miserable Diseases Women are subject to, both Virgins and others, from the Womb and its Consent with other Parts. For when Terms or blood are stopt, there are great symptoms. And while they putrify, or get evil Qualities the Symptoms are grievous, and almost inexpressible.

One Woman may have divers Symptoms from the Womb at the same time, when the seed and Terms are mixed with other Humours after they are corrupted, and there is more sometimes and such noble substance as seed and Terms being corrupted, are like Poyson. *Gal. 6 de oc aff c. 5 l.*

The Consent with other Parts is from Likeness of Parts Nearness, or Connexion of Vessels. And because the Womb is Membranous it hath a great Consent with the Membranes and Nerves. Also the parts adjacent are easily infected. And thirdly, it hath Consent with all the Body by Veins, Arteries and Nerves.

It consents with the Brain by the Nerves and Membranes of the Back Marrow. It consents with the Heart by the Arteries; with the Liver by the Veins, which are great in the Womb, and therefore the Blood and bad Humours go back to the Liver. It consents with the Stomach by Anastomosis, in the Womb, and therefore the Blood and bad Humours go back to the Liver. It consents with the Stomach by Anastomosis, in the Veins of the Mesentery and Stomach.

It consents with the Spleen by the Arteries; therefore many Women that had not their Terms enough in their Youth, and are not blooded, are after Hypochondriac, and a Physician can scarce distinguish these Diseases of the Womb and Spleen, nor cure them severally.

It consents with the Paps by Veins and Nerves, and the Heart, Diaphragma, Head, Brain, and all the Organs of Sense and Motion: With the Liver Spleen, Stomach, Belly, Mesentery, Bladder, strait Gut, Back, Hips, Arms and Legs, and causeth Symptoms. As *Gal de loc aff c 5.* Galen saith, the Mother and Hysterical Passions is one Name, but hath under it innumerable Symptoms.

Of the Suffocation of the Womb.

IN this they seem to be strangled. And there are so many Symptoms at once, that it is impossible to define it by one. Sometimes there is only short Breath; sometimes the animal Actions are hurt. The whole Body is cold from a malignant Vapour sent up from the Womb.

The Causes. The Immediate Cause is a vapour Malignant and Venomous, sent up by the Arteries, Veins and Nerves that hurt the Action of the Parts it goes to. That Vapour is like Air or Wind, thin and little, but very strong, to get presently through the whole Body: It chiefly ascends to the Gullet, and causeth choaking, as eating of Mushrooms, Hellebore, and other Poisons. There is often short difficult Breathing, with Heart ach, Vomiting, and Loathing. If the Vapour go first to the Heart, the Motion of it ceaseth, and there is swooning, and she falls down. If it go to the Brain the animal Actions are hurt.

When seed and Terms corrupt in the Wombs with other bad Humours, they breed this evil Vapour; because they are the best Substance, and the Beginning of Generation, they are worst when corrupted, especially seed doth hurt the whole Body.

Gal. cit 1. Sometimes it is in Women with Child, when they have not their after purging; but evil Humours are left, and corrupt in the Womb.

The chief Cause of this Humour, is the Trumpet of the Womb and Stones, the body of which is hollow and loose the Stones being in bladders, and have hollowness full of Water when in Hysterical Women is yellow and *Vesal de corp.* thicker than ordinary. This Trumpet and the *human. Fabi* Stones are often taken for the Womb itself, *lib. 5. c. 15* when, they are swoollen with corrupt seed, and Humours and Wind, and reach to the Navel: Of which in the Chapter of Ascent of the Womb.

This Disease is breeding sooner or longer, as the Matter is more or less, sometimes corrupt Humours be still, and if they be stirred, they send a Venom or Vapour to the whole Body. Now in Women subject to this Disease, sweet scents to the

to the Nose, or taken in, or anger, will move these Humours and Vapours.

They are according to the Variety of the Sympt- *The Dis-*
toms and efficient Cause or Venomous Humours. *ference.*
For corrupt blood, especially Seed, puts on another Nature.

That Suffocation is at hand, it appears by Lazi- *The Signs.*
ness, Weakness of the Legs, Paleness, sad Coun-
tenance, and the Motion of something like a ball in the
belly, with a noise like Frogs, Snakes or Crows, so that some
think it deviseth. There is also belching, Yawning, Vex-
ing, short Wind, Heart beating, Loathing, Dulness, Laugh-
ter at the coming of the Fit from the Vapour getting into
the Membrane of the breast, that tickles them: Some Cry,
some both Laugh and Cry.

These Symptoms increase when the fit comes and the Jaws
are closed, that she seems to be choaked, and Sense and Mo-
tion is gone or depraved. Some have Convulsions, some
hear what is done about them, but cannot speak: The Pulse
is less, the whole Body is cold, and the Eyes shut as if
they were dead.

When the Fit declines, Humours flow from the Privities,
the Guts rumble, the Eyes open, the Cheeks grow red, and
the Body warm, the animal Actions return, and the Patient
sighs, and comes to her self.

It is known to be from corrupt Seed, if the Terms are in
order, and short breath, and low Voice, Suffocation and Con-
vulsions, and all Symptoms are then more vehement, and at
the end of the Fit there flows a Humour like Seed out of the
Privities. It is from the Terms, if they be stopt, or flow
not orderly and if there be a Disease in the Womb, it is nei-
ther from seed nor the Terms.

1. If there come Swooning or a great *The Prognostic.*
Convulsion, or quencing of natural Heat it
is deadly.

2. Suffocation from corrupt Seed is more dangerous than
that which is from the Terms mixt with melancholic Humour

3. The longer it lasts, and the worse the symptoms, the
more is the Danger. It ceaseth in young Women when they
begin to bear Children.

4. The oftner the Fit comes, the more you may fear the quenching of the natural heat by weakning of the Heart often; and if she foam at the Mouth, she dies.

The Cure of the Fit.

In the Fit you must discufs the malignant Vapours that rise from the Womb, and turn it from the principal Parts, and you must evacuate the Matter that breeds it, and prevent its Return. Call upon her loud, pluck the Hairs of her Privities and Ears, make strong Ligatures and Frictions, Cup the Legs and Thighs, and Groyns, Hold Stinks to the Nose, as Partridge Feathers. Burnt Hairs, Leather, Horn Castor. *Assa foetida*, *Galbanum*. Oyl of Amber, Rue, the Warts on Horses Legs dried, and the Powder upon Coals burnt makes a Fume, which if taken in the Nose, suddenly raiseth them.

Apply sweet scents to the Privities, as Civet, Musk, Gallia, and Aipta Mosceata, or Powder of Cloves.

Or, Take *Storax Calamita*, *Benzoin*, each a dram; *Gallia moschata*, half a scruple, make Troches with Gum Tragacanth, and let the Fume be taken into the Womb by a Funnel.

A Liniment. Take *Storax Benzoin*, each a dram; *Gallia moscata*, half a scruple, Civet four Grains, Liquid Storax, half a scruple, with Cotton put into the Womb.

Glysters do discufs Wind, draw down the Matter. Take the *Carminative Decoction* a Pint, *Electuary of Hiera*, six drams *Benedicta Lactativa* ar Ounce. Oil of Rue and Bayberries, each a Dram. Use Womb Clysters and pessaries to Women that have know Man. Take *Electuary of Hiera* and *Diaphænicon* each two drams; *Turpentine* half an Ounce, Castor half a dram with Wooll make a Pessary.

Oyl of Tin applied to the Navel, doth remove the Fit.

Or Rue, Castor and sneefing Powders. As, Take white Helebores half a scruple, long Pepper and Ginger each half dram; Or put Oyl of Amber into the Nose, and Ears.

Apply to the Womb this: Take Oyl of Rue, Bayes each two Ounces, Cummin seeds, Castor dissolved in Vinegar each two drams; with Wax make a Liniment. Or use a Plaister of *Gastabannum*, Castor and *foerida*.

A Compound distilled Water, Take Zedoary, Parsnip-seed, Lovage root, each two Ounces; Myrrh Castor, each half an ounce; Piony-

Piony-roots four Ounces, *Mistleto of the Oak* gathered in the Wane of the Moon 3 ounces, and *Mother-wort*, 4 ounces and half, spirit of Wine, a Pint and half, steep them 8 Days, distil and give a spoonful with *Tile-flower* or *Mugwort* water, or Oil of Amber some Drops Or, Take *Castor*, *Assa fœtida*, each a scruple; *Pepper* half a scruple, with syrup of *Mugwort*, make Pills, give three.

The Cure out of the Fit.

First, prevent the Seed from corrupting in the Womb; and if it be corrupt, evacuate it presently with Womb. Clysters and Pessaries; then disperse the Reliques, and strengthen the Womb. But first give a general Purge that is gentle often, and use things that prevent the breeding of the Seed.

Strengthen with Plaisters and Ointments to the Region of the Womb. As, Take liquid storax two drams, *Avens*, *Agnus Castus* seeds, *Angelica*, each half a dram; *Alepta Moschato*, a scruple, Oil of *Nard*, *Lillies* and white Wax, make an Ointment Or, Take seeds of *Agnus Castus* a dram, all sanders, each half a dram, *Tacamabacca*, a scruple, *Amber* 3 scruples, *Alipta Mescha* half an Ounce, with Turpentine, *Labdanum* and Wax make a Plaister. If she be a Virgin let her be married.

If it be from Terms stopt, see in the Chap. of that.

This Disease is neither from seed nor Blood, nor Humours if they be not corrupted after a peculiar Manner. If it be from the Womb, distempered, give the Infusion of an Ounce of *Briony-roots* in White-wine once in a Week for a Year, at bed-time, or this hysterical Water,

Take *Lovage* roots, *Piony*, *Angelica*, *Zedory* each an Ounce; *Mistleto of the Oak*, gathered in the Wane of the Moon, 2 ounces, *Mint*, *Balm*, *Calamint*, *Bettony*, each a handful; *Carrot*, *Parsnip* seed, *Castor*, each half an Ounce; distil them in white wine and Water of *Mother-wort*, after eight Days Infusion: Or, Take *Briony*, *Valerian*, *Spingel*, *Angelica-roots*, each half an ounce; *Balm*, *Calamints*, *Penny royal*, *Bettony*, each half an handful; boil them in Wine, add syrup of *Mugwort* an Ounce give it at thrice.

Vitriol of Iron one Grain, with two Grains of Sugar given in Wine some Weeks is excellent.

Or, Take *Cummin-seed*, wild *Parsnep-seed*, each a dram; give a dram. Or, Take *Fæcula Brine* two drams, *Cummin-seed*, *Parsnep-seed*, each a dram, *Amber* half a dram, *Cloves* two scruple, *Cinnamon* a scruple make a Powder.

Pills, Take castor a scruple, *Assa fœtida* half a scruple, Myrrh, *Galbaum Sagepenum*, each a scruple; with honey of Mercury make Pills; take half a scruple or a scruple often. Or, take Treacle or Mithridates.

Apply Plaisters or Liniments to the Region of the Womb thus; take old Treacle half an ounce, *Agnus castus*-seed a dram, Oil of *Angelica* an cummin-seeds each two drams; with Plaister of Barberries. Or make Ointments of the same.

Quest. 1. *What preternatural Disease is this suffocation of the Womb properly?*

Some say it is a cold Distemper in Quality changed; they say right, but coldness is not the chief Symptom others say it is Respiration hurt by Synope, or Convulsion. But it cannot be defined by one Symptoms. For sometimes the animal Actions are hurt, and there is a Megrim, Delirium, Convulsion, and sense and Motion are gone.

Gal. 6 de lo. aff. c. 5. Nor is it strange that so small a Vapour should bring such symptoms, for it hath an occult Venom in which is strong, for it goes many Ways and to many Parts.

Quest. 2. *What is the true Cause of the Fits of the Mother.*

I say it is the Malignant Vapours that flie up from the Womb; for it doth not work by a manifest quality, but by a Venom, which *Galen* saith, is like that of a Torpedo, or Phalanx Scorpion,, which are little in Bulk, but do great Mischief being Enemies to the vital spirits and Heart, by which there is coldness all over, and short Breath from the actions of the Heart hurt For when the Heart is hurt, or the vital spirits either suffocated or corrupted, there are no good animal Spirits bred, and they often flowing to the Nerves and Muscles, hinder the motion of the Brest. Also this Malignant Vapour is an Enemy to the animal spirits, and makes doting and Convulsions when it goes to the Brain.

The cause of these Vapours are corrupt seed and Terms; for while they are in the proper Vessels, they change not their Nature. And the Seed is not always pure, but mixed with evil Humours, and the seed Vessels are sometimes wollen and distemper'd. Moreover the Corruption is from
and

the Womb in a peculiar Manner: For as *Fernelius* saith, The Place from whence comes Life is also the breeder of the most deadly Poison.

Quest. 3. *Is it good to give Wine in a Fit of the Mother?*

Hippocrates and *Avicen* quarrel about this. The first allows Wine, because they are weak, and no-¹ *De not.* thing sooner refresheth. But *Avicen* is for Water, *mulierum.* and forbids Flesh, for they increase Seed and Blood.

But in the time of the Fit Wine is proper, and *Avicen* doth not speak of the Fit, but of the diet out of the Fit, when it comes from plenty of seed and Blood; nor will a little Wine in the time of the Fit get presently to the Womb.

CHAP. V.

Of the Frenzy of the Womb.

IT is a great and foul Symptom of the Womb, both in Virgins and Widows, and such as have known Man. These are mad for Lust, and invite Men, and lie down to them, and it differs from salacity, because in that there is no Delirium.

It is an immoderate desire of Venery, that makes Women almost mad, or a Delirium from an immoderate desire of Venery. It is without a Fever, and with Heat, and ends with Madness. There are degrees in it, for modest Women that have it, will not for shame declare it, and die of Consumptions. Others will not conceal it, but speak their Thoughts bawdily, and follow Men, and sollicit them shamelessly, as *Hippocrates* writes in his Book of Virgins Diseases.

In immediate Cause, is Plenty of hot and sharp *The Causes.* Seed against Nature, but next unto that which is natural; it is a little biting, swelling and forcing Nature to let it out by Letchery. The Brain is only hurt by Consent, and the animal Actions by an external Error, or too vehement Object. The Part first affected in the Womb is the Nymphæ, which grows hot, and swells, but the Nymphæ are not properly the Seat of Venery, but the *Clitoris*, which was called by the same Name anciently.

The Heat and Sharpness of Seed is from the Heat of the Womb that breeds it, from hot Humours in the Womb and not blood.

The outward Causes are hot Meats spiced, strong Wines, and the like, that heat the Privities, Idleness, Pleasure and Dancing, and Reading of bawdy Histories.

The Signs They find their Lust to boil at first, and for shame will not declare it. They are sad and silent, and their Eyes turn to and fro with Lust, and if any speak of Venery, they blush and the Pulse changeth; when the Brain consenteth, Reason is perverted and Modesty is overcome, then they prate, are lustful and angry, sometimes they cry and laugh without a Cause. They follow Men, and sollicit them for Copulation. Some will lie with any one they meet.

It is a sordid Disease, curable at first; but
The Prognostic. if neglected it turns to Madness.

Let Virgins that have it, before reason is subverted, be in company with chaste Maidens, or be married, and be let blood and to abate Heat of blood and sharpness of Seedvery often, there is no better Remedy, Then temper and evacuate the Humours, if they be adult, and if there be Madnes, use stronger.

Then have a Bath of Lettice, Willow, Water-lillies, Vine-leaves, Purslane, Venus-navel, red Roses, Violets. Let her sit twice a Day in it, and not sweat.

To take away the sharpness of the Seed, use Lettice, Violets, Water-lillies, and Things that quench Seed by a secret Quality. as Agnus Castus-seed, Leaves and Flowers of Camphire hereafter.

As, Take Leaves of Water-lillies, Agnus Castus Willow, each three handfals; Lettice, Purslane, Venus-navel. each half a handfals; Poppy-seed, the four great Cold-seed, each half an ounce; Dill-seed two drams, Water-lillies a handful, Violets half a handful, beat them with Juice of Lemons, distil them after twenty-four Hours, add to every Pint a dram of Camphir give an Ounce. Or, Take Agnus Castor-Leaves, Rue, Willow; each two handfals; Mint Tops of Dill, each a handful and half; Water-lillies, half a handful Agnus Castus-seeds, Hemp, Coriander, Lettice-seed, each half an ounce, beat them and distil them with water, and a Pint of Juice of Lemons rectify it to half.

An Emulsion. Take Lettice and white Poppy-seed; and the four great Cold-seeds, each half an ounce; water of Lettice Water lillies Willow, each four ounces, Syrup of Violets two ounces, Magistery of Coral a dram.

An Electuary. Take Conserve of Water-lillies, Violets, of Agnus Castus-tops, each an ounce; of Roses half an ounce. Coral, Smaragas, each a dram: Coleworts and Lettice-candid, each an ounce; with Syrup of Violets and Water-lillies, make an Electuary.

Or make Baths of the same. As, Take *Tops of Agnus Castus, Lettice, Rue, Water-lillies, Dill-tops*, boil them, anoint them with *Oyl of Lillies, Unguent of Roses with Camphire* after that. Or lay a Plaister of Mercury and Marsh Lentils to the Breast and Loins. Lay a Plate of Lead to the Back, and give a Pessary of Juice of Plantain, Purslane, Gourds.

Those that work by an occult Quality are fittest for Nuns that must not marry; but they that will marry must forbear them, because they cause Barrenness.

Let Diet be thin, and of little Nourishment, no Eggs, Beef is good, and fresh Fish. All Lettice, Purslane, Succory, sleep little, think not of Venery, labour, and avoid Idleness.

Quest. *Whether is Camphire cold or hot, or doth it quench Venery?*

It is hot, because it burns, flames, is thin, pierceeth is sharp and bitter. But it hath cold Effects, as curing of Burns and Inflammations, and hot Head aches: But this is from the Likeness of the Substance, because it draws hot Vapours to it, and discusseth, as Linseed-oil, that cures Burns. Nor hath it a double Substance cold and hot, that may be separated.

Scaliger denies it by Experience to quench Venery; but if it be taken often, it doth. He tried it but once.

Excrerin 104 Sect. 8.

CHAP. VI.

Of the Melancholy of Virgins, and of Widows.

IT is a Delirium with Sadness, Trouble and Weeping, sometimes Laughing, without a Fever. It differs from others by the Efficacy only of the efficient causes. For it hath divers Pains besides sadness, especially on the left side near the Heart in the Pap. This is by occasion at distance.

The cause is a Melancholic Vapour from a Melancholic Blood in the Vessels near the Heart that infects the animal Spirits hurts the Fancy, and so the reason. For Melancholy Blood abounding in the Vessels of the Womb, comes back to the great Arteries about the Heart, by the Arteries

The Causes.

Arteries of the Womb, and infects both vital and animal Spirits, and causeth trouble Heart of and Delirium: While this Blood is quiet in the Arteries, there is no Vapour that riseth; but when it is heated or stirred up by any cause, the Arteries, about the back and spleen, are more than ordinary, and the Vapours arise and trouble the Heart.

The Signs. They are sad, and full of Thoughts and Trouble at the Heart, and cannot express their Grief; all Things are tedious to them they weep and laugh without a cause: They sleep little, and with Trouble Fear, They have a Pain on the left side and sometime the left Breast: Their Jaws are dry all which are the Effects of a melancholic Vapour, and when this is discussed, all cease. If it be old it turns to Madness and then they are first silent, then praters, and think they see Ghosts.

The Prognostic. At first it is easier cured; but if it last long, and she resist not Imagination, and will not rejoice with her Gossips, it is dangerous. They often despair and desire Death, or hang themselves, or drown themselves.

If the Manners are changed, it turns to Madness.

The Cure. Observe what progress the Disease hath made. At first if blood be hot, open a Vein often in the Arm, if the Terms be not stopt. If they be, bleed in the Ankles some Days before they use to flow.

Let her be merry, and prepare and purge Melancholy thus: Take borage and balm Water, each 3 Ounces; syrup of the Juice of borage and bugloss, each an Ounce and half. *Mix them for two Doses, repeat them sometimes. Then purge Melancholy.* As, Take senna six Drams, Agaric a dram and half, borage flowers. and Violets, each a Pugil; citron-peel two drams infuse them in Rhenish wine for six Hours, strain them, add syrup of Violets an ounce. Or, Take scorzonera roots two ounces, borage an ounce, balm an handful, senna four ounces, Agaric half an ounce, Citron-peel six drams, Zedoary two drams, Cordial Flowers a hand ful, add half a Pint of the Juice of sweet scented Apples, and of Borrage and bugloss steep them two Day; then strain them add Sugar and half an ounce of Cinnamon make a syrup: Give two or three Ounces.

Also

Also give Cordials, Confectioner of Hyacinth, Spices, Exhilerants and Confection, Alkermes, to such as can bear it. Cure it as Melancholy only the Matter comes from the Womb; therefore still regard that it dry not the Body too much, but use a moistening Diet.

C H A P. VII.

Of an Epilepsy from the Womb.

THIS *Falling Sicknefs* is worse than from other causes, because they are great Symptoms; for that malignant Vapour doth not only fall into the Nerves but the Veins and Arteries.

The same malignant Vapour that causeth Suffocation, causeth this: For when it ascends by the Veins and Arteries, it begets other Diseases: But when it gets to the Nerves, or to the Fountain of them, it causeth the *Epilepsy*. In some the whole Body hath a Convulsion; in others some Part only, as the Eyes, Head, Tongue, Hand, or Leg, and the outward senses are diversly taken. Some see not, some hear not, some see and cannot speak, some dote, and think they see strange Things, some cry out, and know not why. All loose the sense of Feeling.

If the Vapour be not very malignant, they return to their work after the Fit, as if they had not been ill.

It is known by what he hath been said: For here is not a only a Convulsion, as in other *Epilepsies*: But divers symptoms, as in suffocation of the Womb. They seldom foam at the Mouth; because the brain is not so shaken as to cause foaming. Nor is the Vapour so fixed in the roots of the Nerves, but they often do hear.

It is grievous and hath grievous symptoms; but it is not so bad as a true *Epilepsies*. And if you give proper Medicines it never returns.

The Cure of the Fit.

Use Things as in suffocation of the womb or Mother-Fits; as Rue and Castor are good against both.

Also out of the Fit, you must cure it as the Mother, using Things that respect the Womb and the Head. As, Take Piony roots, scorzonera Misleto of the Oak, each half an Ounce; Poly-pody of the oak an ounce, Rue, Penny-royal, Calamints,
each

each a handful; fefeli, piony, Agnus Castus seeds, each three drams; Carthamus seeds bruised, half an ounce, Flowers of Rosemary, sage, stæchas, borage, each two pugils, boil them to a Pint and half strain and add Juice of Bettony, Yarrow, Mercury, Mugwort, Senna five ounces, Agaric Epithymum, each half an ounce; Rhubarb, Cloves, each two drams; Anise, Fennel seed, each three drams; boil, strain with sugar, and half an Ounce of Cinnamon, make a syrup, give two ounces.

And these Pills twice in a week a scruple or a dram an Hour before Supper. Take *Piony Roots*, Senna each half an ounce; Mugwort, Bettony, Rue, Yarrow, each half a handful; boil them, clarify the Decoction, and Juice of Mercury an ounce; Aloes an ounce and half: Let it settle, pour off the clear; add Rhubarb, sprinkled with Cinnamon Water two Drams, Agaric, half an ounce, Mastich, Epilectich Powder, each half a Dram; with Syrrup of Mugwort, make Pills.

To strengthen the Head and the Womb, and to mend its Distemper, Take *Fæcula of Piony* a Dram, of Briony, Amber, Mistleto of the Oak, each half a Dram; of Beazor-stone, Man's Skull, each a Scruple; make a Powder, give half a Dram with Scorznera; or take Flower-water, or with Sugar make Rolls.

An Electuary. Take Conserve of Balm, Tile flowers, Rosemary, Lillyconval, Scorznera Roots candied, each half an ounce, Diamaschu dulce, a dram; Powder of Agnus Castus Seeds, and Piony Roots each two drams; with Syrrup of Stæchas.

C H A P. VIII.

Of Pain in the Head from the Womb.

MAny Pains come from the Womb: But the chiefest and greatest are in the Head; all over, or on one Side, or in the Eyes.

Matter ascends to the Membranes of the Head *The Causes.* by the Veins and Arteries from the Womb. It is Vapour or Humour from blood and humours; sometimes bad blood that is thin, goes from the Womb vessels, to the greater Vessels, and gets to the Head, and to the Membranes there, and causeth a stretching ulcerated, or pricking, or beating Pain, when it is carried through the Arteries being full of blood.

They

They think their Head will betorn, and the Membranes, and it is behind the Head, or when the Terms flow, or are disordered from consent with the Womb. If it be from a Vapour, there is no heaviness, and it easeth presently. If from a Humour, there is Heaviness.

These Pains are great and cause watching. We have spoken of the Headach: But here it is from the Womb, therefore consider what Humours offend in the Womb, and let them be purged, and the Distemper of the Womb amended, as we shewed in the Distemper of the Womb.

There is also a Pain in the Loins, because bad Humours go from the Pains of the Womb and Arteries to the great Vessels, and so are sent by the Capillary-reins in to the Membranes and stretch them and cause Pain: These Humours must have proper Purges.

Quest. *In what Part of the Head is the Pain that comes by consent from the Womb?*

It is in the Crown before and behind; but chiefly behind, by reason of joining of the Back with the Womb; for the Womb is nervous, and consents with the Membranes of the Brain by the Membranes of the Marrow of the Back and so Nerves suffer with Nerves either by communication of Matter or Pain, and because the original of the Nerves is in the hinder Part of the Head, Women are more pained there than Men, because of the Womb.

C H A P. IX.

Of the Diseases of the Heart, and beating of the Arteries in the Back and Sides from the Womb.

THE Heart beats, and the Arteries also as we shewed in the Green Sickness and it is by evil Vapours sent by the Arteries to the Heart from the Womb, that arise from the Terms and evil Humours gathered in the Womb: And there is known by other Signs and Symptoms of a Distempered Womb.

To discuss the Malignant Vapours from the Heart, give Cordials, as in Chap. 3. Of Palpitation of the Heart; as Aqua Vitæ, Cinnamon-water, and Epithems Bags, and Liniments.

The Arteries also beat with the Heart as in Widows on the

the left Hypochondrion and Back, where there is a great Artery, and the Artery that beats in the Back. is Part of the great Artery: They which beat in the Hypochondrion are the lesser Splenic and Mesenteric Branches; therefore the beating is more in the Back then in the Hypochondrion; but both pulsations come from the same Cause.

The Inflammation of the Arteries is the Cause *The Causes* of this Beating, when evil Humours are sent from the Womb into the great Branches of the Artery, and there beat, the Heart being over hot Sometimes the motion of this Artery is all the Body over, and from a hot Humour; the hot Humours go to the Heart and cause a Fever: But because there is little Putrefaction, it vanisheth presently. If the heat of the Humour go to the Brain by the Arteries there, is Madness. Some seek the cause in the Veins, and say that the Arteries suffer from the Blood too in them.

The Signs. You may feel it with your Hand laid upon the Hypocondrion; and there are Signs of a distemper'd Womb, and Melancholy from the Womb, if heat continue in the Arteries, and go to the whole Body, it consumeth it.

The Prognostic. It is seemingly a small Disease, but it is not without Danger, because it comes from a bad cause which weakens the bowels.

The Cure. It is cured as Melancholy from the Womb, and stopping of the Terms and as Hypocondriac Melancholy from the Womb which follows.

C H A P. X.

Of the Diseases of the Spleen, and the Hypocondriac Diseases from the Womb.

Sometimes the spleen, and the Hypocondriac suffer from the Womb, so that you may doubt what disease it is.

The Cause. It is from the Womb by the Arteries, the Womb hath two; one from the preparing Arteries another from the Hypogastrick Artery goes almost to all Parts of the Abdomen, and most branches of the spleen: Therefore when bad Blood is bred in the womb, and gets out of the Arteries upward to the Hypogastric Artery, it gets easily from thence to the Coeliac Artery, and to the

to the spleen: and the Pulsats adjacent in the Abdomen; and the sooner, because Nature useth to send bad Humours to ignoble Parts. These Humours are gathered by suppression of Terms which though they seem to be only in the Veins, yet they get to the Arteries by their Anastomosis. Therefore those Women that have hot Blood, and their Terms flowed not orderly in their Youth, are Splenic and Hypochondriac in their Age.

It is known by a Pain, in the left side and breast to the Throat, there is short breadth, often *The Signs.* belching, the Belly is bound, they are sad and solitary. When thin blood grows hot, there is an Inflammation over all the body, and chiefly the Face, which suddenly vanisheth, and there are other signs of Hypochondriac. These cannot endure sweet scents to their Nose.

If it be not speedily cured, it turns to worse *The Prognostick.* Diseases, as the schirrus of the spleen.

The Blood is commonly too hot, therefore open *The Cure* a Vein, especially when it is from the Terms stopt, You may also open the Hæmorrhoids and then purge gently and often with Pills of Tartar by *Quercetan*, of Ammoniacum of Aristolochia or Birthwort by *Fennel*; or give steel and Things as in the Hypochondriac Diseases *Lib. 3. Part. 5.* and in the Chapter of Terms stopt, and Melancholy from the Womb.

C H A P. XI.

Of the Distemper of the Liver from the Womb, and of a Beard growing by Consent from the Womb.

THE Womb hath many and great Veins more than other Parts. If then there be too much blood in them, it easily goes back to the Hollow Vein, and choaks the heat of the Liver, and so the Liver is distemper'd according to the Humour. It breeds crude and stegmatic blood, which sent over the body, causeth a Cachexy; and what Diseases come by the Liver, are by consent from the Womb, as in stoppage of the Terms and green sickness.

Hippocrates speaks of a Woman's beard in 6 *Epid Sect.* *Phætafa* the Wife of *Pythius*, for Hairs have 8 *Aph. 45.* their beginning and growth from the reliques

of the

of the Nourishments of the noble Part, that is from the excrementitious Part of the blood. And if Terms be stopt, and vitious Humours that use to be evacuated with them, are sent over the body, they cause divers diseases and Symptoms and among the rest, the body of a Woman is made Hairy, and she hath a beard, which is rare.

C H A P. XII.

Of the Diseases of the Stomach that comes from the Womb.

Sometimes from consent with the Womb, the Appetite is lost, diminished increased, or depraved or there is Hiccups, or vomiting, belching, Pain or Headach.

The Causes. This is when malignant Vapours, the Way being large, rise from the Arteries of the Womb, and go to the Cœlic Artery, and through the Hypogastric. And if they are hot, they cause Thirst; if cold they hurt Concoction, and many times cause strong Symptoms from their Malignity and occult Qualities, whose causes are not known. Hence it is that Women desire absurd Things, as these Vapours get into divers Parts of the Stomach. There are also other signs of the Womb distempered, and of the spleen and Mesentary, by the Vessels of which the Matter is sent from the Womb to the Stomach.

The Prognostic. The symptoms are worse when they come from the Womb, than when they come from the stomach first; nor are they curable except the womb be first cured.

It is to be directed to the Womb, and Stomach.

The Cure. For if it come only by consent and there is no disease by Propriety, when you have cured the Womb, the Stomach disease vanisheth of itself, if you do but strengthen the stomach. If the stomach be first affected, look only to that. Therefore first evacuate the Humours that stick in the stomach, as we shewed in it, distemper with Matter, on the Humours will be infected by the Malignant Vapours. A Vomit is here proper. To help the Womb, see for the Motherfits and Suffocation, and for the Distemper of the Womb with Matter, then strengthen the stomach thus: Take *Aromaticum Rosatum*, a dram, *extract of Angelica* a scruple, *Oil of Cloves, Cinnamon*, each five Drops, with sugar two ounces make *Rolls*. Or give Pills of Aloes and Mastich often.

CHAP. I.

Of the Desire of Venery hurt.

THERE are two Symptoms in Women about Copulation.

The first Letchery lost, when she doth not willingly entertain a Man, or cannot long endure him ; or if she endures, she finds little or no Pleasure no more than if she were outwardly handled. The other is too great Lust, as in Frenzy of the Womb, which they cannot be satisfied by many Men.

The defect of Appetite in Lust, is from defect of Seed, or when it is cold, or there wants Spirits in the Seed-Vessels. The Causes of want of Seed, are *Lib. 3. Par. 2. Sect. 2. Cap. 1.* Sometimes it is from evil Conformation of the Seed-Vessels.

Women discover this to their Husbands, that go to the Physician for Counsel. *The Signs.*

Those Women who have not fruitful Seed are therefore Barren. *The Prognostic.*

For that, See *Lib. 3. of Barrenness of Men, The Cure.* where are Liniments and Ointments for the Loins and Privities of Women ; but that she may take more Pleasure, let the Man anoint the Head of his Yard with Civet, Hens Gall, or the Gall of a Pickerel.

Too much Letchery, not of itself hinders Conception ; but wandering Lust, that followeth Letchery, doth.

The Causes are the same with those of Womb-Frenzy, as plenty of Seed, Sharpness and Commotion, sharpness of Seed from hot Meats and Medicines that provoke Lust, and sharp Humours in the Womb and Seed.

Thus Lust or Letchery is abated by Medicines that extinguish the plenty of Seed, and allay its sharpness.

CHAP. II.

Of Barrenness, and want of Conception.

MAN and Woman may be lustful and copulate, and yet there may be no Conception, or she may conceive too many, as Twins or more, or have one Conception after another, which is called Superfætation ; or conceive a Mole or Monster. Conception

Conception is of fruitful Seed spent by a Man, and mix'd with a Woman's Seed to Perfection, for the making of a Child, by the retentive and altering Faculty of the Womb: Hence it is necessary that both Seeds are fruitful; that is hot, full of Spirits, and well tempered, and a fit Subject for a Soul, and that both spent at a time, and there mixed and retained together to produce a Child.

Also the sucking of the Womb is necessary, and that it should lay up and embrace it, so that there be no Space between the Seed and the Womb. Sometimes the Womb greedily snatcheth and embraceth the Seed, but doth not keep it, but lets it come forth two or three Days after, or keeps it to no Purpose, and brings it not to Action, as in a false Conception or a Mole. Moreover, there must be blood in readiness to get the Child, or besprinkle it when it is first formed, and to nourish it after.

Therefore, if Terms be wanting, as in Girls, or be stopt or gone, as in old Folk, expect no Conception. If they flow not by reason of Labour, and too much Exercise. the Conception is not hindered, if there be but Blood enough to form the Child. Hence it is that Women that are brought to bed conceive again before they have their Terms.

If all these be right there is Conception, otherwise she is barren, which is an Impotency of the Womb, that keeps it from sucking in of the Seed, or from retaining, or from nourishing it, and bring it into Act.

The Causes. The first is Impotency in Copulation, from the closing of the Womb, of which before, or other evil Conformation of the Privities, or an Ulcer or Tumour in the Neck of the Womb. The second is the breeding of unfruitful Seed from Distemper of the Vessels and Stones, or too tender and delicate a Constitution. In Men at Eighteen, in Women at Fourteen; and Men seldom get Children after sixty, and Women seldom bear them after sixty.

As for evil Conformation to breed Seed:

Felix

Plat. lib 1 obser.

tit. exitalimo tus

defect.

Some have wanted Seed-Vessels, or they were not in their Places. Some Women are barren by the first Husband, and have Children by the Second, because there must be a certain Proportion between both

oth Seed : And if they be wanting they are barren, which Proportion is hard to be explained and almost impossible : For we must stay the first Quality, for there are occult Qualities in Seed, by which they agree or disagree.

The third Cause is when the Womb sucks not in the Seed, or receive it in a right Manner ; as when the attractive Faculty is hurt or hindered, by divers Distempers of the Womb, or when a Woman hates her Husband.

Attraction is hindered by Tumours or Ulcers in the Womb, or by its being displaced, as *Hippocrates*. They, who being too fat, and conceive not, the Mouth of 5 *Aph.* 46. their Womb is stop't up with the Casul, and they conceive not till they are lean. But the more probable Reason of not conceiving, is the Matter of the Seed turning into Fat.

The fourth Cause is, the Retention of the Seed, hurt by a moist Distemper ; then the Womb is weak, and the Fibres are loose, so that it cannot contract itself to retain, and the Seed, by reason of its Sliminess, cannot stick there. Also, if the Womb be too thick, not fleshy and soft, and be not sprinkled with Blood, as it is in some by Birth, which makes them barren, and in some after they cease to Conceive.

If the Orifice of the Womb gape, after hard Travail and Abortion, by which the Fibres are loosened and weakened, and the Retention of the Seed hurt. And if a Woman, after Copulation, cough, sneeze, cry out, dance, or be angry, or frightened, the same may be.

The fifth Cause of Barrenness, is the hurt of the altering Faculty, which brings in the Form and Act into Seed : For if there be not a due Proportion between the Womb and the Seed, there is Barrenness, as Seeds are choaked in marshy Ground, or die, or are burnt in dry and sandy Ground : So Man's Seed is suffocated in a moist Womb, and dry'd up in a hot *Hippocrates* speaks of the true Proportion between the Womb, as it is fit to cherish this or that Seed, 5 *Aph.* 52. thus : *Women that have thick and cold Wombs, conceive not, and they whose Womb is too moist. For they quench the Seed. Nor do they Conceive that have dry and burning Wombs : For the Seed is corrupted in them for want of Nourishment. They who are of a mean Temper between these are Fruitful.*

The

The last Cause of Barrenness is, want of menstrual Blood which is necessary for the first Formation of the Child. Therefore Nurses that have much Milk conceive, because the Blood is carried to the Breasts.

Therefore all the Causes are reduced, either to Impotency Copulation, or Distemper of the Stones and Seed-Vessels, or evil Conformation, or of a cold and moist Distemper of the Womb, which cannot attract, detain and alter the Seed, sometimes from a hot and dry Distemper that cannot nourish the Seed, or from the enlarging of the Orifice after Child-bearing, or from Humours, or being displaced, or the straitness of the Vessels, or want of Terms, or too many.

Hence we may gather, that Barrenness is oftner from a Fault in the Women than the Men: For in Men there is nothing required but fruitful Seed spent in a fruitful Womb. But Women, besides their meeting of their own Seed, must receive, retain, and nourish the Man's; and afford Matter for the forming of the Child, in which divers Accidents happen; and any of these will cause Barrenness.

Mark also these kinds of Causes. that some do not properly cause Barrenness, but only hinder Conception for a time. as the closing of the Womb, smallness of the Privities; these do not simply cause Barrenness.

Some bring other external Causes, as eating the Heart of a Deer, or if she wear Jet about her, or if Harts Tongue be hanged about her Bed: If she walk over the Terms of another, or tread upon them unawares, or anoints with them, or puts the Juice of Mints into her Womb.

Some are born so, from a Fault in the Womb; Others are not simply barren, but in respect of the Man, and when they have another Husband are Fruitful. Some are barren till the Constitution of the Womb be changed. Some bring forth at first, and then, by some Fault, grow barren.

How shall we know that a Woman is barren. *The Signs.*

First, see if the Fault be in the Man or Woman. *Lib. 3. Of Sterility in Men.* For Women see if they are apt to Venery or not, or receive the Yard fitly. 2. Search if

if she hath good Seed answerable to the Man, or whether she hath used Quenchers of seed. You may know that she spendeth little or no Seed. if she hath little or no Pleasure in the act. Unfruitful seed is known by an disease in the Womb, a Cold distemper, the signs whereof are mentioned; a foul body shews the same; for good seed cannot be made of bad blood

It is hard to find, whether the two seeds have right proportion, or the Womb agree with the Man's seed. Yet temperate with temperate, are very Fruitful because they are both of a good Constitution. But intemperate Couples are barren but if one Temper be good, it may mend the other, and she may Conceive.

If it come from a Medicine that destroys the seed, she will tell. If enchantment be the cause, though they Love, yet they cannot copulate. Or whereas, they loved each other, now they fall out without any Cause.

Ask the Woman how her Womb doth attract, retain, and cherish the seed. If it hath a Tumour, or have Matter or not? Whether there be a natural hereditary Imperfection? Enquire concerning her Family, if many were barren, whether she hath had hard Travail or Abortion. Whether the seed comes away presently after, or at a distance, after some days; if so, then the Woman's seed is unfruitful, or there is a Distemper in the Womb that keeps it from cherishing the Seed.

If the Terms be wanting, they are Viragoes, and have Hair on their Chins, or they are Fat, and seed turns into Fat; or they are very Lean, because they want Blood. *Hippocrates* proves Barrenness thus: 5. *Aph.* 59. Put a Fume (saith he) under the Coats of a Woman, and let her be close cloathed about, and if the scent come to the Nose, she is not Barren; and he bids you put Garlick cleansed into the Womb, and if she smell of it at the Mouth, she is fruitful.

A natural bad disposition that causeth Barrenness is not curable; *Hippocrates* saith that *The Prognostic.* Barrenness from Ulcers is hard to be cured. A Woman that Conceive not, from Disagreement with her Husbands, Constitution; by another Husband, *er*, in Time, may be cured, or some Distemper that causeth sterility may be mended with Physick.

Take

The Cure. Take away the Causes, amend the Distemper of the Womb, whether with Matter, or without Matter, is to be mended, which causeth either no Seed, or that which is unfruitful or not convenient, *see Part. 1 Sect 2. Cap. 1.*

Take Medicines of an occult Quality are best As, Take Rocket seed, Siler-montane, each half a dram; Ivory-shavings, Cinnamon, Nutmeg, each a dram; Musk (in such as may) three grains, white Sanders three drams, make a Powder; Give a Dram with wine.

Or, Take Spices Diomoschu, Diambra, each a dram; the Matrix of a Hare, or Boar stones, and the Yard of a Stag, each half a dram; Nutmeg, Cinnamon, Cloves Rocket-seed, wild Parsnip seed, each a dram; Musk, Amber. each four grains: with sugar as much as all, give two drams in wine.

A Confection. Take sweet Almonds. Pistac-hoes, Pine-nuts, Hazel-nuts, each an ounce; Citron-peels, Ginger, Cloves, Cinnamon, each half a dram; Rocket-seed two drams; Give a spoonful at Bed-time.

Or make this marsh-pane. Take sweet Almonds four ounces Pine, Pestachoes, Hazel-nuts, each two ounces; Diambra, Diamoschu, each a dram; Ivory half a dram; Cinnamon half an ounce.

At Electuary. Take conserve of Rosemary, six ounces; Dog-stones candied two ounces, Orobis, Schinks-reins, Boar's-stones, Sow's-womb, Deer's-privities, Ivory, Turnip-seed, Fennel, Nettle-seed, Rocket, Clary, wild Mustard, each two drams; Pine-nuts, sweet Almonds, each half an ounce; Diamoschu dulcis a dram; Oil of Nutmegs by expression, two drams, with syrup of Bettony, make an Electuary. Or use Triphera without Opium.

Or use Baths, Incerfions, Fomentations, Fumes and Baths after Terms for five Days.

Take Briony, Masterwort-Roots, Mercury, Mugwort, Penny-royal, Marjoram, Bays, Sage, Motherwort, Juniper-berries and Tops, make a Bath.

Or use Sulpher-baths of Allum, Niter, Bitumen: These do much good.

A fume. Take Labdanum, Storax, Calamint, Benzoin, each two drams; wood Aloes a scruple; Musk, six grains, with Infusion of Tragacanth made in Rose-water, make Troches.

Make

Make Pessaries of green Mercury and Mother wort. Or, Take Mastich, Storax-liquid, each half an Ounce; Balm, Nep, Mercury each a Dram; Civet half a Scruple, with Wax make a Pessary. After Baths and Fumes, anoint the Pector, and Navel with this: Take Oil of Keir half an Ounce; oil distilled of Marjoram a scruple, Of Cloves half a scruple of Nutmegs by Expression a dram; Storax-liquid 2 drams. Civet and Musk, each six grains; with Wax, *make a Lini-ment*. After Bathing, let her have a Bag upon her Bell, of Balm, Calamint, Mints Motherwort and Wine. Let her wear Plaisters upon her Loins and Perinæum, till the week before her Terms. As, take *the Plaister for the Mother an ounce, Storax-liquid, Caranna, each 2 drams; Gallia moschata, half a dram; Oil of Cloves half a scruple, of Nutmegs by expres-sion a dram, with Oil of Keir, make a Plaister*. If the Womb, be too loose and slippery, use Clysters of Juice of Mercury, with Honey-baths, Passaries, Fumes, and other Astringent Topies that strengthen.

If the Mouth of the Womb gape, a Decoction in Wine of Mirtles, Mastich, Wood, Vines Olives Wormwood, Cypress-roots, Comfrey, Snakeweed, Cinquefoil red Roses, Po-megranate-flowers, foment the Privities, or with Powder of Mastich, Frankincense, Alum, Wood-Aloes, make a Fume.

Other Diseases are to be cured, as before shewed.

Let it be to increase Seed, of much good Juice *The Diet* In the time of Copulation, avoid Passions, Anger Sadness, Fear. Let Love be invited, and if it burn, there will many spirits flie to the Womb and Privities.

C H A P. III.

Of Barrenness for the Time, and conceiving seldom.

SOME Conceive the seventh, eighth, or ninth Year after wedding. Some presently, but not after the first any more, or not in many Years after.

If Virgins marry afore Fourteen, they Con- *The Causes*. ceive not; or if the Constitution of the womb be bad, or the seed. Some conceive not from the disagree-ment of seeds, till their Constitution be changed.

The who want Terms, or have them disorderly *The Signs*. or are sickly, seldom or never conceive with Child,

L

or hav

had hard Travail, or a dead Child. Some are weakned; so that after the first Child, they have no strength to conceive.

All these will be related. Whether she be married too soon or hard Travail, or Abortive, or had a dead Child, or a Mole: If they were not, the seed and womb have not a just Proportion with the Man's, but it may be alter'd by Age.

The Prognostic. If the womb be much hurt after hard Travail, or any thing turn in it, or broken, they seldom conceive again, and if a woman marry at a ripe Age, and have no remarkable Disease, and conceive not presently, she is not to be accounted barren, because some private Indisposition hinders Conception, which after may be altered, and she may prove fruitful.

The Cure. A Woman that marries too young, after she hath once conceived, and then ceaseth, must use Venery sparingly, till she grow older, that she may recover the strength she lost in her first Travail. And if a woman marry at ripe Years, and Conceive not by reason of the Dryness of her womb, let her use Baths, Fomentations, and emollient Pessaries. If she Conceive not from weakness, strengthen the womb and let her not use Venery often.

If Virgins be sick, from seed retained, or Terms, let them marry: But if there be a Fault in the Liver or spleen or the whole body, that may be encreased by Venery, it is better that they be cured before they be married. And if they cannot be cured, let them not be married.

If the womb be distemper'd by Birth, or a Disease, cured it as in Diseases of the womb: If it be from a Mole or Flux of Blood, cure it as it hath and shall be shewed.

If it be from a dead Child, first cleanse it with Juice of Mercury, and then put Treacle or Mithridate dissolved into the womb. or with a Pessary. Or give them outwardly.

C H A P. IV.

Of Conception, and Forming of the Child.

Conception is an Action of the Womb; after Fruitful seed both Male and Female is received mix'd and nourished, and its strength is stirred up to do its Office. Seed and Coëma differ: Seed is that which comes from both Male and Female, but Coëma is that which is mixed of both, and is called Conception, which produceth a Child. This

This Conception is presently, when two seeds meet in the Womb, in less than seven Hours after they are spent, if the Heat of the Womb preserve them. Nature is not idle a Moment, but presently falls to conformation: Therefore *Hippocrates* saith, that the beginning of Conception, is to be reckoned from the Day that the seed is retained; and if she Conceive not from the Weakness of the seeds or Womb, the seed will fall out in seven Days; for *Hippocrates* saith, that Conception and Abortion are judged in the same time, as a disease, Health and Death are judged. And *Aristotle* saith, if Seed remains within till the seventh Day, there is certain Conception. *Lib. de genit. partu. 2 de hist. ani. cap. 3.*

As for Formation, the Soul lying in the seed makes its own house, for all acknowledge a forming Faculty, and you must then suppose there is a substance, from whence this Faculty flows. And though *Aristotle* saith, that seed is a living Creature, in Powers not that there is not the Essence of the Soul in the Seed, and that it is not a living Creature; in respect of the first Act; but because it is not come to the second Act, for want of fit Instruments, which being Perfect, it hath the second act and all its Operations, which for Defect of Organs, it cannot produce.

There are divers Opinions of the Time of Formation they are best that say the membranes are first made, which wrap the Child with the Navel-Vessels by which it is joyned to the Mothers Womb, and receives Nourishment for the Child. Then all other Parts are made sooner or later, as the Child requires for Dignity of Necessity.

We intend here to speak of Womens Diseases therefore there are three things required for the Formation of a Child: 1. Fruitful seed from both Parents, in which the Soul remains that hath a forming Quality to make its own Habitation. 2. The Mother's Blood is required to enlarge the Child to Perfection. 3. There is required a good Constitution of the Womb to nourish the seed, and stir the concealed Force. If these three be right, there is a Child that is sound and Perfect, that will be born: But if any of these be wanting, there are Twins, or more, and other Faults, of which in order.

Of the Generations of Twins, and many Children;

Nature hath ordained that a Woman should conceive but one Child in these, and other Countries especially, and that every Year; yet in many Places she hath more; one had five at every birth, twenty at four Lyings in. *A Margaret* the Countess of *Holstein*, in the time of the Emperor *Henry VII.* had three Hundred sixty four at one Labour. And another Countess in the time of *Frederick XI.* had five Hundred and Fourteen Children at once, being Boys; these are so seldom, that they seem incredible.

I speak nothing of the Causes of such monstrous Productions, but of Twins, or of three or four. It is certain they are got at one time: And this differs from superfœtation, which is at many times. And you must not impute it to the divers Cells of the Womb; for Women have no such Cells, but only a Line that divides the Left side from the Right: But it comes from the division of the seed into divers Parts, and the Least forming Force in the side is compleat, and make a Child of every Part of it. And because the Cavity of the Womb cannot admit so many Parts of Seed, being bigger than a Bean; and if it do admit them, how can the seed be divided at one Copulation into so many Parts? I suppose that such Women have naturally a larger Womb, so that much seed is divided. And as Twins are begot at the same time, so they have but one Placenta, or Part that receives the Navel-vessels of both, but they have their several Coats.

It is hard to know whether a Woman have Conceived Twins. only their Bellv is not even, but divided with Seams and Wrinkles; and the Weight is commonly greater, and the Motion is not one nor the like.

The Prognostic. If a Woman have two Children, and be weak. she is in Danger in her Travail. Twins of one Sex are more lively than of both Sexes. And one is by Experience, weaker and shorter lived than the other.

C H A P. VI.

Of Superfœtation.

IT is seldom that a Woman hath many Children at diverse Copulations, but it is sometimes; and is, called *Superfœtation*

tation, that is, a new Conception, after the former, though *Hippocrates* writes, that the Mouth of 5 *Apho. 15.* the Womb, after Conception, is so shut, that you cannot put in a Needle Point yet a Woman with Child may take such Pleasure after, that she may a little open the Womb to receive seed again, and draw it in, which may form another Child. Therefore the Cause is the Pleasure the Woman hath, which opens the Womb again to attract *The Causes.* seed. And it is necessary that the seed received be in its proper Membrane, and peculiar Receptacle.

These come sometimes sooner, sometimes *The Difference* later: sometimes sooner, sometimes the same Day or the following, sometimes long after. Sometimes they have a third *Superfætation*, so that they have too living Children, and one Mischance.

It is known only by the Motion of the Infant, *The Signs.* when it is conceived long after the first.

It is dangerous for the Mother, for fear of *The Progностic.* Abortion, and for loss of much blood by two Births at great distance of Time.

It is best to leave the whole Work to Nature, *The Cure.* and Women ought to take heed of *Superfætation*: Therefore after they have Conceived, let them meddle no more.

C H A P. VII.

Of the ill Formation of the Child.

IN the Formation of the Child, there are divers Symptoms. 1. In the Weakness of the Child 2. The Parts are more or fewer, to which you may refer Hermaphrodites. 3. The Parts are greater or less, as Dwarfs or Gyants. 4. There is some Part out of Place or Shape, as Histories shew abundantly.

You must find the Causes in the seeds, Terms, *The Causes* Womb, and error in Formation: The Cause of them is the Action hurt of the forming Faculty: This is not always from itself, but from the unfitness of the Matter and fault in the Place, which keeps it from the Intention; for Actions of active things are not but in a disposed Patient Sometimes there is an extraordinary Cause, as Imagination,

when the Mother is frightened, or imagineth strange Things, or longeth vehemently for some Meat, which if she have not, the Child hath a Mark of the Colour or shape of what she desired, of which there are many Examples.

But I doubt whether all Errors in Formation, depend altogether upon the Imagination: for the spirits and Humours are troubled by the Passions of the Mind, and so flow forcibly immediately to the Womb or other Parts, and this disturbs the forming Faculty in its Work. Also the forming Faculty being overcome with plenty of Humours, or wanting spirits that are gone *Authoris sententia*. another Way may by chance make an ill

Shape; therefore the Passions of the Mind are the first Causes of Error in Formation, and Imagination helps by stirring up the Appetite, These are common Errors of Formation.

Others are determinate Errors, not simply from the Imagination by the Passions which have no Determination to such a Thing; but no other Cense can be besides the Imagination: But how she directs the forming Faculty for the producing of such Effects, it is hard to be understood, but there must be some Imagination, and the forming Faculty. that it may impart the Species sent from the External senses to the forming Faculty.

And this is the Cause of the Consent of the upper and lower Faculties; for the Soul is the same in the whole Body and every where fitted with the same Faculties: But it doth not exercise all in Parts, but by the proper determinate Organ or Instrument.

And though the Child hath its Soul, yet while it is in the Womb, it depends upon the Soul of the Mother, as the Fruits partake of the Life of the Tree while they are upon it, therefore it is probable, that whatever move the Faculties of the Soul in the Mother, may move the same in the Child; hence it is, that while the forming Faculty operateth in the seed and Womb of the Mother, if any species be sent to the Imagination cannot make this Impression, but that which makes a great Admiration or, Terror in the Mother when the forming Faculty is at Work, as when she beholds one with six Fingers, she brings forth the like; or when she produceth Hair where it should not be, or the Likeness of a Beast in any

in any Limb, or when she seeth any thing cut or divided with a Cleaver, she brings forth a divided Part or a Hare-Lip.

C H A P. VIII.

Of a Child turned into a Stone.

JOH^N *Albesias*, Doctor at *Senon*, and *Simcon Provarchar* of *Lingo*, Physician of *Senon*, writ of this in *French and Latin*.
I shall give my Opinion with others.

Two Things are to be observed in this wonderful History
First, Why the Child in the time of Travail, being dead in the Womb, did not stink, as is usual; or kill the Mother suddenly; or was not cast out by degrees, being rotten? *Secondly*, By what force the Child was turned into a stone.

For the first, the Mother lived twenty-eight Years after she had this Child, therefore it is not credible, that the Womb was so cold, that it might hinder Putrefaction, as some think It seems more probable to be, that these Questions, Explanations depend upon one Principle for the cause that made the Stone's hardness kept the Child from Putrefaction; but what that is, it is obscure.

Many fly to the efficiency of the first Qualities, others to Driness, others to Coldness, others to both. I acknowledge Heat, Cold and Driness to be helping causes for breeding of stones in Man's Body; but the chief cause is a stone breeding Juice or spirit, of which I have spoken at large.

The Principles of Generation were weak in this Child, and impure; and this stone-breeding Juice was mixed with the Blood in the Humours: Hence it is, that it was not born alive, as in a Mole bred in the womb, which Women have till they are old, and die with it, and yet it stinks no more than Stone, bred in most Parts. But there is but this History of such a Birth.

C H A P. IX.

Of a Mole.

IT is Flesh and Mass without Bones or Bowels gotten of an imperfect Conception instead of a Child. The *Latins* call it a Mole from the weight, because is troublesome to Women, as a Millstone in *Latin* call'd, *Lapis Mesaris*.

Sometimes it is unshapen Flesh without Bones, only full of Veins, with a skin over *The Difference.*

Pet. Sal. diu it, and nothing within, but like the Parenchy-
ina not in An- ma of the Bowels. Sometimes it is membra-
timarium. nous and fibrous, without shape. Sometimes
 it is long, round, or like a Quarry of Glass
 or like a brute Beast. Some have brought forth three
 Moles like Men's Yards.

Some are like congealed blood, or the Placenta of the
 Womb, into which the Navel Vessels are inserted; some
 grow and are nourished, and some have an obscure sense.
 Sometimes they are sent out alone, sometimes with or be-
 fore the Child, of which they are many Histories. Some
 bring forth Monsters for Moles.

A Mole is sooner bred when the blood is impure, and unfit
 to nourish, and is made when they copulate in the flowing
 of the Terms that are unclean. It is neither from Heat
 nor cold principally, but from the Error of the forming
 Faculty.

The Signs. They are hard to be known before the fourth
 Month, then they are known by such as can
 distinguish between the Motion of Wind and a Child.

2. If a Woman turn from side to side, it falls like a
 stone to that side she lies on, and is heavy. If it have any
 Motion it is trembling, and beating, with Contraction and
 Dilation like a sponge. If after the Time that the Child
 should move, there be no Motion, and the Belly swells and
 there is no sign of a Dropsie; it is a sign of a Mole.

3. In Women with Child, there is Milk about the fourth
 Month, but in a Mole the Breasts swell, but there is no true
 Milk.

4. They are more pained and faint, and have more Pain
 in their Back and Groins.

If it be with quick Child, it is hard to be known, but
 it is known by its Weight in the Womb, which she perceives
 when she gets up to Walk, or moves from side to side some
 are then strong and well coloured.

The Prognostic. It hurts the Womb and the whole Body;
 if it be devided, it is less Dangerous; when it
Faber cont. is soft, it is cast on the third or fourth Month.

2. *observ* 55. Sometimes it ulcerates or tears the Womb, and
 causeth great bleeding. Some have been cast out or drawn
 out

out with great Danger ; some grow old with them in, and find no Inconveniency but the weight.

To prevent, take heed of Venery in the Terms, *The Cure.* or before the Terms, or when the Body is foul or obstructed the Womb.

When it is, take it away presently with Things that send forth a dead Child. *Hippocrates* sheweth the Cure in few words. First, *foment the whole Body*, &c. Therefore if she be plethoric, let blood largely in the Foot at divers Times.

Then purge often with strong Physick. Take *Althæa*, Lilly-roots, each half an ounce ; *Althæa*, Mercury, Pellitory, Bank-arsine, each a handful ; Camomil, Melilot-flowers, each half a handful ; Fænugreek and Linseed, each six drams ; boil them in broth to a Pint, add sweet Butter, Oil of sweet Almonds, Lillies, each an ounce ; make a Clyster repeat it often.

Make Baths, Liniments, Fomentations (then move the Terms) with Dittany Birthwort, Briony, &c. Take Briony, Birthwort, each half an Ounce, *Asarum*, two Drams, Rue, Savin, Mugwort Dittany, Penny-royal, Motherwort, each half a handful. *El-der and Camomil-flowers*, each half a handful ; *Line and Fænugreek-seeds*, each half an ounce ; boil them to a Pint, add Hiera an ounce and half Troches of *Alkandal* a dram, Oil of Rue and Keir each an ounce and an half ; make a Clyster, of the *Residence* make a Cataplasme for the Belly,

Or this Pessary, take Troches of Myrrh, Galbanum Opoponax dissolved in Wine, each two drams ; Sowbread Roots a dram, white Hellebore half a Dram, with Juice of Rue.

If these will not do, let the Midwife take it out with her Hand, if it be half rotten. Or leave it to Nature which doth it in time.

To stop the Flux of blood after a Mole is taken out, use Things against over flowing of the Terms. As take, Plantane, Shepherds-purse, Bramble, Oak-leaves, red Roses, each a handful, boil them in steeled Waters, then take Barly-bran two ounces, Pomegranate peels, red Roses, Comfrey-roots in Powder, each an Ounce ; Frogs burnt, Bole, Sanguis, Draconis, each half an ounce, with a Decoction

aforesaid, and a little Vinegar, make a Cataplasm for the Region of the Womb. Take away Pain with Anodynes mention'd in Pain of the Womb; keep up the strength with Meat of good Juice.

Quest. *Whether a Mole be without the Company of a Man, and without his Seed?*

To speak freely of this which many doubt. I suppose that many are made of a weak man's Seed, mix'd with the Woman Seed; and much blood: But Histories confirm that Widows have had them without Mans Seed, but not of the shape with the other. And being voided, they melted, being in the Air, into Water,

I think Virgins cannot have them; from wantonness, or in sleep they may spend their Seed; but because it is weak, and the blood necessary for Formation, neither is drawn by the Womb, nor flows to it of its own accord, as it doth in those that have had Children; and the Vessels of the Womb in Virgins are straiter than in Widows, and others that have had Children. Therefore though the Seeds of Virgins flow into the Womb, yet they cannot have a Mole for want of Blood, which is necessary for the forming the same. This is to be understood of Moles which are not vital, for vital Moles, that have some Life, cannot be got in Virgins or Widows, without the Seed of Man.

CHAP. X.

Of Monsters.

Histories tell us of many Monsters brought forth by Women. We spake of worms, *Sect. 2. Chap. 8.* They are like Toads or Mice, or Fish. *Gordonius* saith, it is usual in *Lombardy* *Lycoskenes* saith, and others also, That Serpents, Dogs and other Monsters, with Parts like Brute Beasts, have been brought forth.

Gasper Baubin speaks of one *Ann Troporin*, which *1571.* brought forth two Serpents with her Child: In harvest, hot Weather, she had drank Water in a brook in a Wood near *Basil* where she thought she drank the Spawn of a Serpent; for a little after that her Belly swelled, and three Months after she was big with Child and the Serpent grew as the Child did. Her Belly was so big,

big that she carried it in a swathing band. She was delivered at last of a lean Male Child; and because they suspected Worms or Snakes from the gnawing and strange Motion she felt that Year, they put a bason of Milk under her; and then they expected an After-birth, out came a Serpent, which she saw, and perceived another coming forth, they were all an Ell long, and as thick as a Child's Arm. Thus *Baubin*, and he speaks of others, if you please to peruse them,

A Monster is that which is either wholly or in part, like a Beast, or that which is ill shaped extraordinary.

Histories witness that a Monster may be from *The Causes*. human Seed, and the seed of a Beast, It is seldom, for the forming Faculty doth not err of itself, but is seduced by the Imagination, or frustrated of its Ends, from a Fault of the spirits, the Heat or Matter. Therefore Imagination is the Cause of Monsters: For Histories mention, that Women with Child, by beholding Men in Vizards have brought forth Monsters with Horns, and Beaks, and cloven Feet. The same is when Spirits or Heat, seed of Blood, are weak or little.

And though Doctors cannot cure Monsters, yet they are to admonish Women with Child not to look upon Monsters, and to strengthen their Spirits and Heat, and to keep the seed and blood right, and not to allow Copulation in the Time of their Terms, lest any monstrous Birth should be from impure blood.

C H A P. XI.

Of false Conception, and Swelling.

FAlse Conception or Gravitation is, when the Terms are stopt, and the Belly swells, and there are Signs like those of a true conception, then they think themselves with Child, and as *Hippocrates* saith, *They beleive Cause p. 1. Sec. 2. 10.* not to the contrary till ten Months are past. The Causes are wind in the Womb, or watery Matter, or thick Flegm.

These are bred from sickly Seed retained, upon which nature works in vain; or from a Fault in the Terms that corrupts the Seed, and breeds bad Humours. The like appears in Virgins when they begin to have their Terms, and it is discovered by Pain.

The Signs. The Terms flow not as in a true Conception, but in this there is Pain of the Head, Loyns, 2. *Prorrhet.* Belly and Groyns, of which *Hippocrates* saith thus: *They have a false Conception without Terms appearing, with a swollen Belly, have the Head-ach, and there is no Milk in their Breasts, but what is like Water, and very little.* Moreover the Belly swells sooner than in a true Conception; their Colour changeth, their Face and Feet swell; they loath Meat faint and have a deprived appetite. The surest sign is the Time of Child-bearing being past.

The Prognostic. They are commonly barren, or have Ulcers in their Privities.

The Cure. It is cured by Evacuation of the Matter in the Womb with proper Medicines, as in the Chapter of the Distemper of the Womb with Matter, and of Inflammation of the Womb and Dropsy.

B O O K. IV.

S E C T. V.

Of the Government of Women with Child, and preternatural Distempers in Women with Child.

C H A P. I.

Of the Signs of Conception.

IF she keep the seed, it is a sign she hath Conceived and a Man may know that the seed is kept, if he find in Copulation that his Yard is sucked and drawn by the Womb, and the Privities are not moist. And if she perceives little or no seed to come forth again and grow chile and quiver, and perceive a twiching in her Womb, from the great Delight; and the Mouth of the Womb closeth, and the Terms stopt.

But they are deceived when they count or reckon from the stoppage of the Terms. For some have their Terms twice or thrice after they have Conceived, and have them all along without Hurt.

The chiefest sign of Conception is when there is at first loathing of Meat, pewking, Pica or preternatural Appetite and Vomitting. And when they hate that they earnestly affect, or faint when they think of them.

About the fourth Month the Child moveth, which is not in a Mole, the breasts after that swell with Milk, and the last are the surest signs. From the Face and Urine there is no certainty.

Hippocrates

Of the Government of Women, &c. 245

Hippocrates teacheth us to know whether it be a Male or Female: ' If she be with Child of a Boy, she is better coloured; but pale if a Girl. And Boys lie on the right side and Girls on the left in the Womb

C H A P. II.

Of the Government and Diet of Women with Child,

THE Diet is either for such as are sound, or as have Diseases.

As for the Air *Hippocrates* saith, ' If there be a wet warm Winter with Southerly Winds, a dry-
' ing Spring with Northern Winds, they who conceive in the Spring abort upon any small occasion. Or if they bring forth, their Children are weak and sickly, or die, Let her avoid all evil Scents, as of Rue, Penny-royal Mints, Castor, and Brimstone. Some cannot bear sweet scents, let them not look upon terrible Things, nor hear great Noise of Guns.

Let Meat be easy of Concoction; let her eat Quinces to strengthen the Child, or sweet Almonds with Honey; sweet Apples, Grapes. Let her abstain from sharp Meats, very bitter, or salt, and things that can provoke Terms, as Garlic, Onions, Olives, Mustard, Fennel, Pepper, and all Spices. In the last Months, Cinnamon is good summer Fruits are nough for her, and all Pulse. When the Child is bigger, let her Diet be more: For it is better for Women with Child to eat too much than too little, lest the Child should want Nourishment.

Let her drink Moderately of clear Wine not exercise too much nor Dance, nor ride in a Coach that shakes; let her not lift any great Weights in the first and last Months, In the ninth Month let her move a little more or dilate the Parts, and stir up natural Heat.

Let her abstain from Venery in the first Months, lest there be a Mole or Superfatation, or the Child be hurt, but she may use it moderately in the last.

She may bathe in the last Month, once in a Week to loosen the Privy-parts. Let her avoid Anger, Sorrow, Fear, and too much Mirth.

Let

Let her Sleep, rather than be too watchful: Let the Belly be kept loose in the first Month, with Prunes, Raisin or Manna in Broath. And let her use Medicines to strengthen the Womb and the Child.

An Electuary. Take Conserve of Borage, Bugloss and red Roses, each two ounces; of Balm an ounce, Citron peel and Shebs, Mirobalans candied, each an ounce; extract of Wood-Aloes a scruple, Pearl prepared, half a dram; red Coral, Ivory, each a dram precious stones, each a scruple, candied Nutmegs two drams, with Syrup of Apples and Quinces, make an Electuary.

Rolls. Take Peorles prepared, a dram; red Coral prepared, and Ivory, each half a dram; precious Stones each a scruple; yellow Citron peel, Mace, Cinnamon, Cloves, each half a dram; Saffron a scruple, Wood aloes, half a scruple, Ambergrease six drams, with six ounces of Sugar dissolved in Rose water make Rolls.

Apply Strengthens to the Navel, of Nutmegs, Cloves, Mace, Mastich, Coral made up in Bags, or a Toast in Malmsey sprinkled with Powder of Mints.

C H A P. III.

Of the Cure of Women with Child in General.

They have divers chronic and acute Diseases, as Fevers, Pleurisy, Quinzies, or Inflammation of the Bowels, of which Hippocrates (if a Woman with Child 4. Aphor. 31. have an acute Disease, it is deadly) there is a double danger: 1. In respect to the Fever *Valer. l. 1. obser* which Galen saith will be continual. 2. In *bol. com. ad lib.* respect of the want of Nourishment for the 6. *aph. 30.* Child. For if a Woman with Child be fed, the Fever increaseth. If she have an Apoplexy, Epilepsy, Convulsion, Cramp, she cannot bear it out. But a cute Diseases are not always deadly in Women with Child.

They have sometimes intermitting Fevers, Coughs, from which they hardly are freed before they are delivered.

Quest. 1. *Whether must Women with Child use a sparing diet?*
Gal. cit. lo. If you give her a Diet at a long Distance the Child will be starved. If you give her a full Diet, and often the Fever will endanger both Mother and Child.

Therefore be moderate, and add something to the Diet, which the Mother loved before the Fever, for the Child's sake

fake, and for the Fever. Abate the Diet, in the first Months let the Diet be little, in the middle and last Months let it be larger.

Quest. 2. *Whether may a Woman with Child be let Blood.*

Hippocrates saith, of a Woman with Child be let Blood she will miscarry, and if the Child be older, 5. *Aph.* 50. the sooner. This is to be understood of great bleeding, which was Pints in his Time, but now we go by ounces.

Therefore, if-bleeding be required in a Fever, or the like and the Woman with Child be in strength, you may boldly let blood upon these conditions; 1. That you take not Nourishment from the Child, let it be little; and you will take more, do it the second time, lest you weaken. 2. Open not the foot, nor Basilica, but the Mediana. 3. Before you bleed, strengthen the Child by applications to the Navel. And if they abort in a Fever, *Amat. Infi c 5 cur* you must impute it rather to the violence of 27. *rod. a cast 3.* the Fever, than to the bleeding; and you *de Morb. mull.* used the necessary help for preserving the Mother. But it is safer in the first than in the last Months because the Child needs a further Diet.

You may also open a Vein in a Woman with Child that hath no Disease, to prevent Abortion, when there is much blood in the fourth or fifth Month, especially if they have no Fever, and are strong, as *L. 2. c. 10.* *Celsus* saith, a strong Child, and lusty old Man, and a healthy Woman with Child, may be safely let blood. And *Hippocrates* forbids bleeding, only lest the Child should want Nourishment,

Quest. 3. *Whether may a Woman, with Child be purged?*

You must not give strong Purges, lest their Force which moveth the Humours, should reach to the Womb, and cast out the Child. Therefore you must not purge Women with Child in all diseases, nor at all times, but only in the fourth Month 'till the seventh, and that sparingly; And if the Matter swell and abound, as *Hippocrates* shews. For the danger from the turgent Matter is easily avoided thereby, for it will be purged with more ease, than when it is fixed and quiet. 1. Therefore only purge in an acute Disease. 2. From the beginning of the fourth

fourth only to the end of the sixth. Use no vehement Medicine, nor very bitter. As Aloes, which is an Enemy to the Child, and opens the Mouth of the Vessels; nor Colocynthis, nor Scammony, nor Turbith, but use Cassia, Manna, Rhubarb, Agaric and Senna; but Diacydonium Purgers are best with a little of the Electuary of the Juice of Roses,

If there be a chronick Disease, she may also be purged safely, especially if she be used to it, and strengthners be applied to the Navel.

Quest. 4. *Whether purging or bleeding is most dangerous for a Woman with Child?*

We shewed in the last Question the Necessity of Purging and its danger by the great Motion of Humours, which if it reach the Womb, causeth Abortion. because it causeth Pain in the Belly, and provokes the Terms. But bleeding disturbs the Humour less, nor dont hurt any way, but by taking Nourishment from the Child. And this you need not fear if there be too much Blood. Therefore purging is more dangerous than bleeding.

Quest. 5. *Whether it is lawful to cause an Abortion to preserve the Mother?*

A Christian may not cause an Abortion for any cause, for it is wicked; and the Gentiles in Hippocrates Time never allowed it; they could not hinder Conception, much less would they destroy it when made. Nor must the Mother be preserved by the loss of the Child: For we must not do Evil, that Good may come thereby.

But if to preserve the Mother, the Physicians purge or bleed, and the Abortion follow, the Fault is not in the Physician that intended it not, but in the Weakness of Nature, and of the Child; and it is better to preserve the Mother, than by neglecting the lawful Means, let both die. Also the dead Child must presently be thrown out.

Quest. 6. *Whether are Clysters, Diuretics and Sweats proper for Women with Child?*

Though Women deny Clysters to them, yet if they have been used to them, that they may be given in a small quantity, such as only mollifie and supple; nor do they more hurt than Linitives.

Diureties or things that provoke Urine, are not safe, because they provoke the Terms, You may not give gentle sweats; for Nature will receive strength by the casting of their Enemies. You must use Alterers that are proper, as in syrup. *Take the Juice of unripe Grapes about the beginning of September, three Gallons, add Pomocitrons or Lemmons bruised in half a Pound; boil them till they are soft, and strain them and with half a pound of Sugar make a Syrup.*

C H A P. IV.

Of the Symptoms that befall Women with Child in the first Months.

THEY are loathing Meat, Pica or evil Appetite, Pukin, Vomiting, Belly-ach, Flux of the Belly, Tooth ach, and Head ach, Giddiness. These all come from the Stoppage of the Terms especially in a Cachochymy or evil Juice; for it goes to the Stomach, and to the Head First, they loath Meat, *Hippocrates* saith is a sign of Conception. *1 Apho, 45.* And this is when the Child takes the purest blood, and leaves the impure, which gets into the Mouth of the Stomach, and infects it, and hence comes the loathing of some sorts of Meats.

Sometimes this ceaseth of itself; but if there be danger of a Consumption in the Mother, lest the Child should be in danger for want of Food, give a gentle Vomit or Stomach Pills, As, *Take Conserve of red Roses half an ounce, of Betony an ounce, preserved Quinces three drachms, Anomaticum Rosatum half a drachm; Pearl prepared half a scruple, with syrup of green Ginger and Quinces, make an Electuary.*

Anoint the Stomack with Oil of Massich, Mints, Quinces, Wormwood, Mirtles, &c. Give Astringents and powerful Things with Meats. and let it be roasted rather than boiled.

Pica is, when they desire strange and absurd Thing, as Coals, Ashes, &c. As she that longed for her Husband's Flesh; and tho' she loved him very well, she kill'd him, eat Part, and powdered up the rest. Of this Disease we spoke in the third Book.

Juice of young Vine leaves, with syrup of Quinces, is good against this; or the water that drops in May from the Vines. This keeps the Child from suffering by the Mother's Appetite.

Or this

Or this Spirit. Take *Citron Pills, Oranges, Piony-roots, as much as you please, and Malmsey; digest them some Day; then beat the Roots and Peals, add more Malmsey, and distil them*

The third is loathing and Vomiting, from an evil Vapour or Humour in the Stomach from Blood retained. If Vomiting give her Ease, stop it not, but leave in to Nature, it will cease after a Month or two. If it be with Trouble, give a gentle Vomit, or strengthen the Stomach, or give a little Rhubarb.

The fourth is pain of the Belly, for Wind and Humours about the Womb, that go to the Guts, *Hippor. 5.* discuss them as in Chap, 3 of the *Chelick*. Avoid moist Fomentations, give Cinnamon water, or spiced Wine.

The fifth is a Looseness, which must be suddenly stopt, lest it cause Abortion, First, give a gentle Clenser and Stregthener as Rhubarb with syrup of Roses solutive, the Quinces at the first Course at Meals; and Rice, Starch, Almonds, conserve of Roses, Quinces; apply to the Navel a Pultis of Quinces, Mastich, Nutmegs, Mace Cloves.

The sixth is the Tooth-ach, from a sharp Humour from the retention of the Terms that goes to the Root of some Tooth, and hurts the Membranes. It ceaseth commonly of it self, yet if it be great, use a Plaister of Mastich and Tacambacca to the Temples and hold in the Mouth the Decoction of Fernroots, Cinquefold, Snakeweed, Sage, Mulberrybarks, &c

The seventh is Head-ach; when the Vapours from Terms stopt, ascend and twitch the Membranes of the Brain, it must be repelled and abated with Linitives, of which in *Lib. 1. Part. 3. Sect. 1. Chap. 3. Of Head-ach.*

The eighth of the Mergim, from the Vapours disturbing the Spirits that go to the Head by the Veins and Arteries, or by the Gullet. If it cease not, discuss, Vapour, and strengthen the Brain inwardly and outwardly as in Vertigo.

C H A P. V.

Of the Symptoms in Women with Child in the middle Months.

THEY are Cough, Heart-beating, Fainting, Watching, pains in the Loins and Hips, and Bleeding.

1 The Cough is from a sharp Vapour that comes to the Jaws and rough Artery from the Terms, or from a thin part of that

of that blood gotten into the Veins of the Breast, or falling from the Head to the Breast. This endangers Abortion, and Strength fails from watching; therefore purge the Humours that fall from the Head to the Breast, with Rhubarb, Agaric, and strengthen the Head as in a Catarrh, and give sweet Lenitives, as in a Cough.

2. Palpitation of Heart, and Fainting, is from Vapours that go to it by the Arteries, or from blood that aboundeth, and cannot get out of the Womb, but ascends and oppresseth the Heart. Use Cordials, as in a Syncope, inwardly and outwardly. If it be from too much blood, as in a Plethory, open a Vein.

3. Watching is from dry sharp Vapours, that trouble the animal Spirits, Then use Frictions, and wash the Feet at Bed-time, and give syrup of Poppies, dried Roses, Emulsions of sweet Almonds, and white Poppy-seed.

4. There is Pain in the Loins and Hips from the weight of the Child or from the Terms stopt, or growth of the Child, that stretcheth the Ligaments of the Womb and parts adjacent; if there be Plethory, bleed. If it be from the weight of the Child, hold it up with swathing Bands about the Neck.

5. There is a Flux of blood at the Womb, Nose, Hæmorrhoids, from Plenty, or from the Weakness of the Child that takes it not in, or from evil Humours in the blood, and stir up Nature to send it fourth. Also the Vessels of the Womb may be broken or torn by Motion, Fall, Cough, or trouble of Mind. This is dangerous of which *Hippocrates* saith, The Child cannot be well; if it be from blood only there is less Danger, so it flows by the Veins of the Neck of the Womb; for it takes away Plethory, or takes not nourishment from the Child.

If it be from the Weakness of the Child that draws it not, Abortion often follows, or hard Travail, or she goes beyond her Time. If it flows by the inward Veins of the Womb, there is more Danger by the openness of the Womb. If it come from evil blood, the Danger is like a Cachochymy, which is like to fall upon both. If there be Plethory, open a Vein warily, and use Astringents. As, *Take Pearls prepared a scruple, red Coral two simples, Mace, Nutmeg.. each a dram; Cinnamon half a drachm make a Powder, or with Sugar Rouls; or*
give

give this in Broth. Take red Coral a dram, Pearl half a dram, precious Stones half a scruple, red Sanders half a dram, Bole a dram, seeled Ear. b Tormentil-roots each two scruples; with sugar of Roses, and Manus Christi, with Pears six drachms, make a Powder.

You may strengthen the Child at the Navel. If there be a Cachochymy, alter the Humours, and (if you may evacuate. You may use Amulets in the Hands, and about the Neck in Flux or Hæmorrhoids, beware of the Pain. Let her drink hot Wine with a roasted Nutmeg.

C H A P. VI.

Of the Symptoms that are in the last Months.

1. **T**HE Urins is stopt from suppression of the Neck of the Bladder. Let her then lie down, and let the Bladder be fomented with a Bag of Pellitory, Parsley-roots, Mallows, Linseed, and the like, or use the Catheter.

2. The Belly is bound from a hot and dry Liver, when the Child draws all the Moisture to it, or presseth the Guts. Let her then use Moistners, as Butter, Mallows, Borage in Broaths; or Clysters in a small Quantity.

3. The Veins appear in the Hips and Legs as various only, then keep them from walking, and let their Feet be lain upon a Stool.

4. The Legs swell from serious Blood, but this goes away with the After-birth, and is the signs of a Female Child; but if she cannot walk, foment with Lye made of Vine-branches and Wine, or with a Decoction of Origan, Penny royal, Chamomile, Calamints, Or.

Take Bean and Lupine-flour, each two ounces. Tartar an ounce, Pidgeons-dung, half an ounce, with sieeled water and Juice of Coleworts, make a Pultis, rub and wash the Feet with soft Water in which Chamomil, Origane and Dill were boiled

5. The skin of the Belly is cleft with stretching after the fourth Month, therefore use loosning Liniments to keep off Deformity as Marrow of Veal and sheeps legs, Oil of sweet Almonds, Hensgrease.

6. the Water gathered in time of being with Child, between the Membranes that hold the Child, comes forth too soon, because the Membrane are broken by leaping, or a contusion. This makes difficult Birth, for that Water was

to moisten the Parts. Therefore let her keep a good Diet, and strengthen the Child inwardly and outwardly.

C H A P. VII.

Of Weakness of the Child.

THIS is rather from weak seed, or little Nourishment or bad, causeth many Diseases in the Child.

To hinder Abortion and Death of the Child, know rightly the Weakness, as *Hippocrates* saith *they that will abort have first Breasts that fall away* which is from want of Nourishment in the common Veins of the Womb and Breasts. *Hippocrates* hath a second sign, which is this: *If a Woman with Child is weak.* 3. If the Terms flow often, the Nourishment is taken from the Child. 4. A Mother often and long being sick, shews that her Child is weak, because her blood is not good, and the bad Humours with the blood go to nourish the Child, which makes it sick. 5. When the Mother hath a Flux of the Belly, the Child is weak. 6. When it begins to move, and is scarce felt, it is weak.

If it be from these Causes, take them away and strengthen the Child; first, feed the Mother high with Meats of good Juice, and sweet Almonds steep'd in Honey, Raisins, Quinces; outwardly thus: *Take Malmsey three pints, dissolve it in Oil of Nutmegs by Expression half an ounce; add Powder of Cloves, Rue each half an ounce; Rose, Sage, Marjoram, Pennyroyal Water, each a pint; Aqua vitæ three ounces.* Dip Sponges in it, and apply them under the left Breast, to the Arm-pits Hams, Pulses, Soles of the Feet; and when they dry, wet them again.

C H A P. VIII.

Of crying in the Womb.

CHildren have sometimes cryed in the Womb, as *Fabricius* saith in his Epistle to his Brother *James Fineel*, and *Weindric* of Monsters write thus: *In this City of Bressa a Child was heard to cry in the Womb three Days before the Travail; when he was a Man he was miserable with Poverty and Diseases till he died, Andreas Libavius* writes the same, and others.

Some

Some say, It portends evil to the Mother, or Child, or Country.

It is a Voice by the Expulsion of the Air through the rough Artery, and some Air may be in the cavities of the Vapours or spirits, as in Eggs when chickens pip in them. And if the Child have a rough Artery, Lungs, and breast, which are the Organs of breathing sound, and the Child is strong there is no Hindrance, but it may utter a Voice. But something, whatsoever it is, must stir it to make this Noise.

B O O K. IV.

S E C T. VI

Of Symptoms that happen in Child-bearing.

C H A P. I.

Of Child bearing in General.

WHEN the Child can no longer be contained in so small a Place, being grown, and requiring more Nourishment. it kicks and breaks the Membranes and Ligaments that held it, and the Womb by an expelling Faculty, send it forth with great straining, and this is called Travail.

It is either natural or not natural, legitimate or illegitimate. The natural is, when the Child comes with the Head forward and Heels upwards, with Hands and Arms to his Thighs, and so the other parts easily follow; then the Amnios is broken, and the Water that was laid up in the time of being with Child flows forth, and moistens the Passages; then the Child with more force breaks the Acetabula, from which the Secundine is separated, and the other Membranes are broken, and the blood flows into the Cavity of the Womb, and the Child gets out by its expulsive Faculty with such Force, that it seems to fall rather than to be expelled, and the bones of the Privities must needs be divided.

That which follows, the birth, is above human Capacity namely, the Transpiration of the Navel Vessels and Lungs, and Heart in the Infant, and why Nature ordered it, of which *Galen* elegantly in the 15th Book *Of the use of Parts*, and 6th Chap.

There is also a legitimate Birth when it is according to the law of Nature; and an illegitimate, when it is before, or after the time.

Hippocrates

Hippocrates saith, that a Birth in the seventh Month is vital and legitimate. And it is sooner from the strength of the Faculty and Matter fit for Formation yet it is commonly weak except the seventh Month be compleat. Of the eight Month, *Hippocrates* saith thus: *None lives that is born in the eight Month, because it cannot bear the two Affliction to follow;* but the Reason of the Arithmetician is better, that says, an even Month is unperfect.

The nine or ten Months are the best, as *Hippocrates* saith, *A Child is born in ten Months at the farthest;* and so says the wisest *Soloman*. Some say that a Child may be born in the eleventh Month, and *Peter Apponefis* was so born; and some say. They have been born in the fourteenth and fifteenth Month; but rare things are not to be counted the law of Nature. Generally Physicians agree with, *Hippocrates*, though some dissent.

C H A P. II.

Of Abortion.

IT is the exclusion of a Child not perfect nor living, before Legitimate time. This time is defined by *Hippocrates*; *Whatsoever conceiveth, doth it within seven day but they are properly Abortions that come before the seventh day; and though some are in the fifth and sixth Month that have lived; yet that must not derogate from the common Law of Nature,*

Some differences of Abortion are from the time and bigness of the Child. For that which is cast out is little and round, without distinction of Members at first, like a Grape. Sometimes as long as a Finger, and Members may be distinguished. And sometimes the Child is almost perfect.

The immediate cause is the expulsive faculty stirred up, and that is done by three means from *Galen*, from the weight bigness and pain. There are more causes, which we shall place in two Ranks. The first is of the manner of the causes that provoke the expulsive faculty. The other is that which findeth out these ways by all the causes.

The

The expulsive faculty is provoked by the Child being weak either from evil Seed, or being dead. The Child is weak for want of Food, and from the Mother's Diseases either in her whole Body, or in the Womb, or Parts adjacent that consent, as Fevers, Inflammations, Fainting, Convulsions, Pain, Vomiting, Sneezing, Coughs, that move the Spirits and Humours, and shake the Child, and stir up the Nature to expel it.

Also straitness of the Womb causeth Abortion by which means it cannot contain a great Child. Also shortness of the Navel-Vessels, which *Fabricius* first observed.

The outward causes are cold Air after hot and moist, which get into the Womb and provokes it, and hurts the Child. The Astrologers add the malignant Aspect of the Stars; also

Cent. 2. too much or too little Meat Great watchings, purging, and flux of blood by the Womb and Hæmorrhoids. Also violent Motion, as leaping, carrying of Burdens, strokes on the Belly or Back. Also

Passions, as Anger, Fear, Sorrow.

Also bleeding, purging, fasting, smell of Brimstone or Ashes, Hoofs burnt, or stink of snuff of the Candle.

If the Breasts be less, or much Milk flow from them, or she feel much and often pain about the Belly or Loyns that go to the Pubes and Os Sacrum, with a desire of thrusting forth in the Womb, If the Child change its place, and if it fall lower when it was in the middle of the Belly, there is fear of miscarrying.

It is dangerous always, because it is with violence, there

The Prognostic. are also great Symptoms; they are in less danger that have already brought forth a Child; therefore the first is most dangerous and the Mouth of the Vessels are torn, and they commonly become barren. Abortion is more dangerous in the sixth seventh, and eight Month because the Infant being greater causeth greater pain, and breaks the Ligaments worse.

Consider the Constitution before she is with Child, and prevent every cause. If it be like to come from Plethory, before conception open a Vein, and after conception in the fourth or fifth Month in the Arms.

If it

If it be from Cachochoymy, purge the whole Body, and purge the Womb with Pessaries, and strengthen it; of which in the cold and moist distemper of the Womb.

If she have conceived, open a Vein before the time be used to abort; if there be a Cachochoymy, purge gently at times. If there be a cold distemper of Body by Flegm that hurts the Womb, give the Decoctions of China or Sarsa with strengthners of the Child.

Avoid the external Causes of Abortion, and if they done hurt, help it presently. Let not the belly be bound; if they Child be weak, remove the Cause of weakness, and strengthen it. Use things, that strengthen the Womb, and Child, as Coral, Kermes-berris

Or, Take Migisterry of Coral a dram, Pearl prepared half a dram, Ivory shaved a dram Mastich half a dram, Grains of Kernels a dram, Manus Christi with Pearl two drams make a Powder. If the Abortion be at hand and the Pains encrease, give this with a rear Egg. Or, Take conserve with red Roses two drams red Coral, and Mastich; each a scruple, give it presently.

Use the Countesses Ointment outwardly to the Loyns, Reins, Pecten and Periem. Or, Take Oyl of Roses, Mirtles, Mastich, Quinces, each two ounces, Oyl of Mints an ounce, Bdel-lum dissolved in Vinegar, liquid Storax, each two ounces; Oyl of Nutmegs by expression a dram, with Wax make an Oyntment. Of the same with Pitch, Rosin, Colophony, you may make Plaisters. Let her hold a Load-stone in her Hand, or tie it to her Navel, or wear an Eagle's stone under her Arm-pits Coral, Jasper, Smarags, Diamonds. If these will not keep the Child up, you must give over Astringents, and use Lenitives.

Quest. Whether the straitness of the Womb is the Cause of Abortion?

Hippocrates. 1. de Morb, saith, That the Womb may cause Abortion, if they be windy, thick great, or little: And he shews in another place, that Abortion may be from the straitness of the Womb. And in another place he saith If a Woman in the third, fourth, or fifth Month miscarry often, and at the same time, it is because that the Womb will not stretch. And Galen confirms the same, and it stands to reason, for natural Birth is when the Womb cannot contain

Lib, de super.
lib. de sterol.

3 De nat. fac.

contain the Child for its growth. Therefore if it be preternaturally too little, it is the cause of Abortion. And though Nature hath made the Womb to hold the Child, yet if it be not made large enough, it cannot contain it.

C H A P. III.

Of the Signs of natural Birth, and the Manner and Government of such as bring forth.

AT the time of her being to be delivered, let her take heed of Astringents and Thickners, but let her eat Meat of easie Concoction, and of good Juice, and sit every fourth day in a hot Bath of Mallows, Fœnugreek, Linseed, Mugwort, and Camomil-flowers; and after let her Back, Loyns, Belly and Privities be anointed with the Mucilage of Althæa-seed, and Oil of Lillies, and let the Child be strengthened.

But when she hath Pains from the Navel to the Groins, and in the back, then the Ligaments and Vessels are broken by which the Child grows to the Womb. And because the Womb violently strains to discharge it, the membranous Fibres are extended, and commonly there are very great Pains and Throes, or the Child will not be born; and it is an evil sign when the Throes cease, because the expulsive Faculty is weakened. And let not the Midwife provoke Throes 'till the time.

When the Membranes are broken, the Water-flows out, that comes from the Urine and sweat of the Child, first little then more, then waterish Blood, and the Orifice of the Womb begins to open to let out the Child, and before the time, you must not provoke Throws: Then let the Midwife put her Finger into the Orifices of the Womb, and she shall perceive something round and hard as an Egg. Let her not lie on her back flat, but with her Back up, that she may breathe more freely.

After the Child is born, you must press the blood in the Navel Vassels, towards the Navel of the Infant, and take heed that you lose not much blood in cutting of the Navel string, for it hath destroyed weak Children, and you must labour to fetch out the Secundine with the Child; and if it be in the Womb, anoint your Hands with warm Oil, and put them into the Womb, and fetch it out.

C H A P. IV.

Of Natural hard Travail.

THough Child-bearing since *Eve's Sin* is ordained to be painful as a punishment thereof yet sometimes it is more painful than ordinary.

The first is from the Mother, and the expulsive Faculty. 2. From the Child. 3. From the Passage. From the Mother, as when the Womb is weak, and the Mother is not active to expel, from Weakness or diseases, or want of spirits, of which *Hippocrates*.

It is from the Birth when they are Twins or 5 *Aphor. 55* more, and both strive to go forth at a time; or if the Child stick to a Mole, or be so weak that it cannot break the Membrane: Or if it be too big all over or in the Head only, or if the Navel Vessels are twisted about his Neck.

It is from the Passages, when the Membranes are thick, the Orifice too strait and the Neck of *Fabric. cent.* the Womb is not open sufficiently, as in such as 3. *obs. 57.* labour of the first Child, or very fat. The passages are pressed and strained by Tumours in the adjacent Parts, or when the Bones are too firm and will not open, then the Mother and Child are both in danger; or when the Passages are not slippery, or when they are broken too soon by reason of the thin Membranes, or the Water flows forth sooner than it ought.

You may know hard travail by faint Throws *The Signs:* that come at a great distance. And you must consider all things concerning the Mother Womb and Child.

In hard Travail, the Mother and Child are *The Prognostics* in danger and the Peritonæum sometimes breaks with the skin from the Privities to the Arse-hole. If a Woman be four Days in Travail, the Child scarce escapes.

All things that move the Terms are good to make easie delivery, as Myrrh, white Amber *The Cure.* in white Wine or Lilly Water two scruples or a dram; some give a drop of Oil of Amber in Vervain Water, or a scruple of mineral Borax or half a dram, but begin with gentle things, as a spoonful of Cinnamon-Water. Or, Take *Cassia*

Lignea, Dittany, each a dram; Cinnamon half a dram, Saffron a scruple; make a Powder, give a dram. Or, Take Borax mineral a dram, Cassia Lignea a scruple Saffron six grains give it in Sack. Or Take Cassia Lignea a dram, Dittany, Amber, each half a dram; Cinnamon, Borax, each a dram and half; Saffron a scruple, give half a dram,

Or give some drops of oil of Hazle in convenient Liquor, or two or three drops of oil of Cinnamon in Vervain-water; some prepare the Secundine thus; Take the Navel string and dry it in an Oven. Take two drams of the Powder, Cinnamon a dram, Saffron half a scruple, with juice of savin make Troches, give two drams, or wash the Secundins in Wine, and bake it in a pot. then wash in Endive-water and Wine. Take half a dram of it, long Pepper, Galengal, each half a dram; Plantain and Endive-seed, each a dram and half, Lavender-seed four ounces.

Or, Take Labdanum two drams, Storax, Calamint, Benzoin, each half a dram; Musk and Amber-grease, each six Grains: make a Powder, or Troches for a Fume; Or use Pessaries to provoke the birth. Take Calbanum dissolved in Vinegar an ounce, Myrrh two drams, Saffron a dram with Oil of Orris make a Pessary. An Ointment for the Pecten and Navel. Take oil of Keir two ounces, juice of savin an ounce of Leeks and Mercury, each half an ounce; boil them to the Consumption of the juice add Calbanum, dissolved in Vinegar half an ounce, Myrrh two drams, Storax liquid a dram, round Birthwort, Sowbread, Cinnamon, each half a dram, Saffron a scruple, with Wax make an Oyntment.

5 Aphor. 35.

Also sneezings provokethe birth, and Amulets, as a Snakes-skin about the middle. the Eagle-Stone bound to her Thigh.

Levi. Lem de oc.

If weaknes be the cause, refresh her with nat. mir. lib 4. Wine and sops to the Nose, Confect Alker-mes Diamose Diamarg.

cap. 12. If there be twins, let the Midwife order them with her hands, and help the foremost.

If the Passages be not slippery, use an emollient Fomentation, and Oil of sweet Almonds, Hens or Ducks Grease, &c. If the belly be bound, give a Clyster or Suppository

Ætitus tetra

4. c. 23.

When Medicine will not do it's break the Membrane with the Finger dipt in Oil, or cut them.

When

When the Child is still born, let the Midwife chew Spices and blow in its Mouth, or drop Aqua-Vitæ in it, or anoint it with Honey.

C H A P. V.

Of a vicious disorderly Birth, or difficulty preternatural.

IF the hand come not forth first, and the hands and feet are upwards, there is an ill Birth.

Hippocrates reckons two Causes; the largeness *The Causes.* of the Womb, and disorderly Motion of the Mother from Pain, also the thickness of the *Lib. de nat.* Membrane, which when it cannot break with the *pu.* head, it attempts to do with the feet and Hands.

The Midwife may perceive in what figure the *The Signs.* Child comes forth.

All disorderly coming forth is dangerous to *The Prognostic.* Mother and Child; but there is least danger when both Feet come forth this is called by the Latins *Partus Agrippanus*

Let the Midwife reduce it into the Cavity of *The Cure.* the Womb when it comes not forth right and place it right

When the Feet cannot be thrust upwards, let the Midwife supple the Parts with Oil, and take hold of the Arm and help it and give Sneezings.

Let her always labour to put the Child in a right Posture by moving it with her hand, or taking the Mother from the Bed, and compose her in such a Posture as may bring the Child into a right Posture, and that soon.

C H A P. VI.

Of a slow Birth.

THIS is when the Child is longer coming forth *Epistol.* than ordinarily; of this *Massa* writes, that a 2, 29. *epi.* *Venetian* Matron conceived by a Husband of seventy Years of Age, and brought forth a Child in the fifteenth Month, blind and without Hands, which lived five Months. *Caraanus* writes, that his Father *Consil* 58. ad said: he was born in the thirteenth Month. And *Christ Volckne* *Mercurialis* writes thus: *That it was never seen or*

written that a Woman had a live Child four Years in her Belly, &c. but these are rare and miraculous. The Cause is the Weakness of the Seed, and want of the Heat in the Womb, which makes the expulsive faculty weak.

C H A P. VII.

Of a Child dead in the Womb.

WHEN at the time of Child-birth there is Pain and breaking forth of Water, which ceaseth presently without Delivery, the Child remaining in the Womb, then the Mother or Child dies, or both. When the Travail is *The Causes.* vehement from divers Causes, they may also cause no Birth, for either the more she may lose her strength, and the Child not come forth, or both may die.

And if the Child be weak, and move little, or the Mother may be weak and the Child great, the Travail is hard, and doth die; or if the Child come not forth in a right Posture.

Or if the Passages are ill proportioned as when *Fabri. cent.* the Bones of the Pubes do not give way, or when *1 obs. 64 67.* there is Schirrhus or other Tumour that straiteneth the Passages, there is no Delivery.

Or the Child dies by a Disease for want of nourishment, or a fall, stroak, leap, or passion in the Mother.

The Signs. Search if the Child be living or dead: for if it be dead, it will hurt the Mother by rotting, and if the Mother die, and the Child be alive, take it out before the Mother be buried. A Child is known to be dead; if the Mother and Midwife perceive no Motion but it is raised by any strengtheners given; and when the Mother moves from Side to Side, it moves like a Stone; or when the Face and Lips of the Mother are pale, and her extreame Parts livid; and the Breasts that were Plump, are fallen; her Breath stinks, Water and stinking Matter flows from the Womb; there is a Fever, horour and fainting, or Convulsion; if the Secundine come forth before the Child.

The Prognostic. If the dead Child be not presently taken out, the Mother is in great Danger; there are great Symptoms, and strange Diseases, of which see *Francis Roussel* and others.

When

When the Child comes not forth in time, and is *The Cure.* alive, it must be taken out by the Midwife or Chyrurgeon, by cutting the Belly and Womb, of which in the Chapter following. If it be dead, you must drive or take it out before it stinks, either by Medicines or Chyrurgery.

The Medicines are such as stir up the expulsive Faculty, but they must be stronger than before, because the Motion of the Child ceaseth; as Take Savin, round Birthwort, Troches of Myrrh, Castor, each a dram; Cinnamon half an ounce, Saffron a scruple, give a dram with Savin Water.

Or, Take Borax, Savin, Dittany, each an ounce; Myrrh Asarum-roots, Cinnamon, Saffron, each half a dram; make a Powder, give a dram.

Purge first, and put her in an Emollient Bath, and anoint the Womb with Oil of Lillies, sweet Almonds, Chamomile Hens and Goose-grease.

Foment to get out the Child a Decoction of Mercury Orris, wild Cowcumber, Stæchas, Broom-flowers. Then anoint the Privities and Loyns with Oyntment of Sowbread. Or, Take Coloquintida, Agaric, Birthwort, each a dram; make a Powder add Ammoniacum dissolved in Wine, Ox-gall each two drams with Oil of Keir make an Ointment.

Or this Pessary. Take Birthwort, Orris, black Hellmore. Coloquintida, Myrrh each a dram powdered; add Ammoniacum, dissolved in Wine, Ox-gall, each two drams. Or make a Fume with Asses hoof burnt or Galbanum or Castor, and let it be taken in with a Funnel. If these wil not do, use Chyrurgery, It is done with the Hand only, or with Instruments, of which *Ægineia* and *Ætius*.

Charles Stephens shews how to use the Hand *Lib. 6. c. 23.* without Instruments. When you know the *tetrab. ferm.* Child is dead (saith he) place the Woman in *4. cap. 23.* the best Posture, and tie her so very fast, &c. see the rest.

John Brubi, takes the same Course out of Schenk's Observations. And because the strength faileth, refresh her, and abate pain, cherish the torn Parts; and prevent Symptoms.

To take away Pain and strengthen the Parts, foment with the Decoctions of Mugwort, *Lib. 5. cap. 2.* Mallows, Rosemary, Wormwood, Mirtles, St. *de dissect. part.*

corpor. human. Johns Worth each half an ounce; Sperma Ceti, two drams, Deerssuet an ounce, with Wax make an Oyntment, Or, Take Wax, four ounces; Sperma Ceti an ounce, melt them, dip Flax therein; and lay it all over the Belly In some Countries Women will not permit these, but leave all to God

C H A P. VIII.

Of the *Cæsarean-Birth*.

THE Belly and Womb are cut sometimes to take out the Child, and this is called the *Cæsarean-birth*, and they that live are called *Cæsar*; It is done in three cases.

1. When the Child is dead, and the Woman alive,
2. When the Woman is dead, and the Child alive.
3. When both Mother and Child are alive.

Enchirid. This is seldom, because either Medicines do it, *consul.me.* or it is taken out by other Chyrurgery, or the work is left to the Nature. *Matthias Cornax* hath a History of one that carried a dead Child in her Belly four Years; it was taken out by cutting the Womb and Belly, and the Mother lived, and conceived with Child after; she fainted not at the time, and the Wound grew together without stitching; and her Terms after came in good Order, and she had a lusty Boy 'till the second of *June*. The Surgeons that had cut her afore were sent for, and the old Orifice was open, and the Mother and the Woman present would not yield to the second cutting; therefore her strength failed, and the Chyrurgeon took out a compleat Child, but it was dead.

Plin. lib. 7. hist. There are more Histories of live Children cut out of their Mother's Bellies being dead: *nat. c. 90. Rod. a* And *Roderick a Castro*, saith, That an infant cannot live in Mother's Womb being Dead, *Castro lib. 4. de* except it be taken out the very time of her *morbis mul. c. 1.* departure, or while their are vital Spirits, *Agén. lib. 5. epit* because when the motion and life of the *2. 11.* Mother ceases, the life of the Child also ceaseth; yet is his

Argument of no force, because the Child hath its proper Soul, and if it be well it may live a while in the Womb without benefit from the Mother, as it doth when it is delivered. But take heed it be not suffocated in the Womb, and keep the Mothers Mouth open, and let the Midwife never move her Hand

Hand from the Privities, till the Chyrurgeon *Lib. 3. de difect*
have taken it out; and you may know that *part. cor hum.*
the Child is alive, when the Mother is dead *c. 1.*
by its leaping. *Charles Stevens* shews the
way of taken out a dead Child.

When a live Child is cut out of the Belly of a live Mother,
it is done only lest the Mother or Child, or both should die.

And this may be done, and both preserved, which is plainly
demonstrated by *Francis Rouffet*, in his book of this sub-
ject, so that there is no doubt of it. For first he shews the
Necessity of the Operation, and next the Possibility of it,
shewing that the Muicles of the Belly, the Peritonæum and
Womb may be cut without hazard of Life.

Thirdly, He confirms by History what he proved by rea-
son. and shews that many Wounds of the Muscles in the
lower Belly, Peritonæum and Womb have been cured.

Fourthly, He propounds many more dangerous Cases than
the *Cæsarian* Section, which were not deadly in themselves.
And then he shews the Manner in Operation, and how it is
to be done, therefore have recourse to his Works, if thou
wilt learn it.

B O O K. IV.

S E C T. VII.

*Of the Government of Women in Child-Bed: Of the Diseases
that come after the Travail*

C H A P. I.

Of the Government of Women in Child-Bed

PResently after she is delivered, labour to make the After
birth follow, of which in the Chapter following; then
compose her in Bed, and give her good Food. Let the Air
be temperate, rather hot than cold. Let her beware of cold
that it get not into the Womb, for it will cause Torments
and Inflammations.

If the Travail be hard, anoint the Belly and sides wit Oil
of sweet Almonds, Lillies, and warm Wine.

Let her Meat be of good Juice and easie Concoction;
Hen-broth. Chickens, Capons, Kid, Mutton, and Veal, let
her drink thin Wine, if there be no Fever, or Cinnamon
boiled in Water, the first Days drink it warm; Let there be

no Noise about her, and let her not rise too soon; avoid Passions, lest the Humours be stirred, and fall into some are.

If she cannot or will not suckle her Child, turn the Milk from the breast by repellers under the Arm-pits, as Unguent of Roses, Cerot of Sanders, dissolved in Vinegar, and to the breasts apply a Cataplasms of Bean and Orobut-flower with Oxymel, or foment the Breasts with the Decoction of Mints, Dill, Smallage; or lay the leaves brused upon them.

Before she goes forth, let her baths with a Decoction of Lilly-roots, Elicampane, Mugwort, Agrimony, Borage, Rosemary, Cammomil-flowers, Stænhæus, Fænugreek, Linseed, Citron-Peels.

CHAP. II.

Of the Secundine or After-Birth, or a Mole that is left after Child-bearing.

THese stick in the bottom of the Womb, or like a Ball to another Part, the Mouth of the Womb being opened or closed.

The Cause. It is not safe to cut the After-birth from the Navel 'till both be come forth, therefore draw it out with breaking of the Navel-string; this is retained because it grows to the Sides of the Womb; or is swoln by hard Travail, or because the Navel-string is broken by the Infant's straining; or from cold Air got in; or from a Fright, or from her not having Throws fit to exclude it, or because she is Impatient, and will not continue in a due Posture.

The Signs. The Midwife will declare it, and the Purgation is not; the Belly swells, there is a Fever, and Heaviness and Pain in the Belly, there is a Stink and loathing from stinking Vapours; difficult Breathing, Suffocation and Convulsion.

Many die from the retaining of it, if it can- *The Prognostic.* not come forth, when Matter flows from the Womb, there is Hope that they will rot and come away in sixty Days,

First, let the the Midwife draw it gently with *The Cure.* her Hand, and use Sneezing: then burn Patridge Feathers to the Nose; and Goats Hoofs, as in the Suffocation of the Womb.

Then

Of the Mole after Child-bearing. 267

Then use things that expel a dead Child, Dittany, Oil of Wood Heracleon after Preparatives. Or, Take Marjoram, Chervil, Penny-royal, each a handful, Savin half a handful, Anise and Fennel-seed each half a dram; Lovage and Parsley-roots, each three drams; boil them in Water for three Draughts. Or, Take dittany, Troches of Myrrh, Borax, each half a dram; Saffron Castor each a scruple: Make a Powder. Or, Take round Birthwort, two scruples, Myrrh a scruple; make a Powder give it in Wine.

Make Pessaries of Mugwort, Mercury, Sage, Orris in Powder with Oil of Keir. Or, Take round Birthwort, Savin, Briony, Ox gall and Honey and make a Pessary.

The stronger are of the Decoction of wild Cucumbers, Coloquintida, Staphisacre, Hellebore Honey and Gall of an Ox.

Fumes are made of Cassia, Lignea, Nard Mugwort, Savin Penny-royal. Dittany. Or, Take Myrrh, Castor, Galbanum each half a dram; Opopanax Cinnamon each a dram; with Honey make Troches for to be burn.

Then foment the belly with the Decoction of those Plants. Or, Take Lupin-meal an ounce, Powder of Worm-wood half an ounce, Myrrh, Rue, each three drams; with Ox-gall and Honey make a Cataplasim.

If it come not forth give a Womb-Clyster of the Decoction of Sage, Mugwort, Mercury, Calamints, Penny-royal.

If all fail, inject Things to superate into the Womb, and let it be turned to Matter, and come out by degrees, and inject strengthners into the Womb.

C H A P. III.

Of the Mole left after Child-bearing,

YOU may know it by the Signs of a Mole mentioned: She hath no ease after Travail, there is Pain in the navel, Bank and Groins and much clotted Blood comes away and yet she hath no Ease; the Cure is mentioned before in the Mole,

C H A P. IV.

Of the Purgation after Child bearing diminished or detained.

THis is not alike in all Women for in some Women the blood is fresh in others it is waterish cholerick, or melancholick:

lancholick: And some bleed more than others according to the Constitution and Country. It is either not at all, or two much, or too little.

The Causes. When they are stopped or lessened, the Vessels are too strait or the Blood flows another Way; or it is too thick, or the Vessels of the Womb are pressed from its Position; the Blood is drawn away by Passions, Fears or goes hastily to the Breasts.

The Signs. The just quantity is not to be defin'd; when it is stop't, the Belly swells, the Pain is in the bottom of the belly and Groins; there is Chilliness and a Fever after it, fainting, weak, swift, unequal Pulse; there is Soot in the Urin. Sometimes the Belly is inflamed, or the voids blue or black Clods of Blood.

The Prognostic, It is bad of its self to have any thing left *Gia 1 epid.* after Child-bearing, and worse if it stays long *com 2. i 21.* and grows melancholick; therefore 'tis a cause of many Diseases.

The Cure. First, Endeavour to evacuate the blood from the Womb by Frictions, Ligatures and Cupping if they will not do, open a Vein in the Foot.

Then open the Passages, with external and internal Meats anoint the belly with loosing Oils, or foment this: Take Lilly-roots, Birthwort; Betony, Angelica, each half an ounce Mercury, Mugwort, Penny-royal, Savin, Calamints, each a handful; Tansey, Chamomil and Elder-flowers, each half a handful; Fænugreek and Linseed, each two drams, bruise them grossly and put them in a Bag, and boil them in Water and Wine; lay it to the Privities and bottom of the Belly.

Give emollient Clysters; and if some Days are past, purge with Agaric, Rhubarb, Senna: Or, Take Lilly-roots, Althæa each half an ounce; Birthwort two drams, Pellitory, Mercury, Althæa, each a handful; Calamints, Chamomild, Elder-flowers, each two pugil; Fænugreek and Linseed each two drachms; boil them to ten ounces strained, add oil of Dill, Lillies, each an ounce, Ointment of Sowbread three drams, make a Clyster.

Or give Pessaries that provoke the Terms.

Give Things to melt and attenuateth Blood, As, Take opening roots three drams Bettony, Maiden-hear, Endive, Shemanth, each two pugils; Anise Fennel-seed, each a scruple

ple; Red pease a spoonful; boil them to a pint and a half; add Cinnamon-water two drams, Syrup of the five Root 3 ounces; give four ounces.

C H A P. V.

Of too great a Flux of Blood after Child bearing.

That is to much which makes weak. *The Causes*

It is blood abounding, which hath been gathered nine Months in the Womb.

It is thick, or spends the spirits and weakens. *The Signs.* There is loathing of Meat, Pain in the Hypochondria. Belly-ach weak and often pulse, dark Sight, Noise in the Ears Fainting and Convulsion.

It is dangerous when long, and with Fainting *The Prognostic.* and Convulsion. Therefore observe the Pulse, lest she die suddenly.

See what strength she hath, and stop it not *Hippoc. 5 Aphor* suddenly. If it be not very great, order a 55.

Diet of roasted Hens, basted with red Wine, or Pomegranate of Starch, Almonds, Rice, Quince, *The Cure.* Conserve of Roses, Steeled water, and make Revulsions; use gentle things, and strengthen the loose Passages.

Anoint the Belly with Oil of Roses, Mirtles, cup under the Breasts and sides without Scarification. Apply a Cataplasm of Red roses, Bole and Rosewater to the Liver.

Then use stronger, and give a higher Diet often in small quantity, and give Syrups to stop Blood. As, *Take old conserve of Roses two ounces; of Tormentil an ounce; of Quince without spices half an ounce; Bole, red Coral, each half a dram; with syrup of Currants and Coral make an Electuary.*

Anoint the Belly with the Ointment of the Countess, and other Astringents; or use Astringents Fomentations; or let her take into the Womb a Fume of Mastich, Frankincense, red Roses, &c.

Then open a Vein in the Arm, and let Blood by degrees, See Sect. 2. Chap. 6. *Of overflowing of the Terms.*

C H A P. VI.

Of the Pain after Travail, and Torments in the Belly.

These are not in the Body, and bottom of the Womb, but in the Vessels and Membranes, by which the Womb hangs, and that goes to the Sides and Belly.

They

The Causes

They are from a constant Labour in Travail, when the Bottom of the Womb is prick'd, to send forth from cold Air let into it, or clotted Blood detained, or sharp blood sticking to the Womb, and pricking it.

The Signs.

They are in the Womb itself; you may know if they come from cold by what has been done

*The Prog-
nostic*

and clotted blood. They weaken much, and are very troublesome, therefore they must be abated.

The Cure.

First, take away the Cause, or abate the Pain, and make that which hurts the Womb fit to be evacuated by these Pills. Take *Cinnamon* a Dram, *Saffron* a scruple, *Diacymini Deagealgal*, *Zedoary*, each half a dram, make a Powder, give a dram in Penny-royal, or Cinnamon-water.

Or, Take Cummin-seed steep in spirits of Wine, and dried again a dram; Annos-seed and Ginger each half a dram; Cinnamon a scruples, Castor half a scruple, make a Powder, If she faint add Cordial-water. As, Take *Diacyminum* a dram, *Diamargariton frigid*, Citron-peel, *Zedoary*, each half a dram, make a Powder.

If she be cholerick, or the Humour thin and sharp, cure it as cholick from choler. As, Take syrup of Violets, Borage, each an ounce; Mucilage of Quince seeds, made with Violet-water half an ounce, Water of Borage, Scorzomera, each two ounces; give it at twice.

Extenuate the Humours, and loosen the Passages outwardly Take Bean-flower, Fenugreek and Linseed, each half an Ounce; boil them in Oil of Lillies for a Cataplasin.

You may fume the Womb with Decoctions of Herbs.

C H A P. VII.

Of the tearing of the Vulva to the Arse, and coming forth of the Womb, Inflammation, Ulcer, Suffocation, and falling out of the Fundament.

Par Sect.

THE tearing is in hard Travel, when the Mother is tender, and the Child great, of which before.

1. Chap. 1.

Part. 1. Sect. The Womb comes forth from the violent

2. Chap. 15.

Extraction of the Child or after-birth, by which the Ligaments are stretched. The Cure is mentioned, but you must not hinder the After-flux by Astringents; let her therefore rest, and lie on her Back, with her

her Feet drawn up with Sweets to her Nose, and Stink to the Womb; so the Womb will be retained, and the Flux continued; after this is past, you may use Astringents.

If there be Inflammation from hard Travail, hinder not the After-flux of Blood by Coolers.

If it turn to an Ulcer, let the after flux flow and then cure it.

Suffocation after Child-bearing is from the stinking after-blood, which sends up stinking Vapours, which kill many. It is cured by Friction of the Legs, Ligatures and Cupping with Scarification, applying stinks to the Nose; as Castor, Partridge feathers burnt Rue. And apply Sweets to the Privities,

You must cure the falling out of the Fundament from straining in Delivery, as formerly shewed.

C H A P. VIII.

Of Watching, Doting, and Epilepsie of Women in Child-Bed.

THese are from the motion of the Blood and Humours, when the After-Blood flows not kindly, and there is a Fever, of which in the first Book. And from Vapours sent from the Womb, there is an Epilepsie, which is cured by Revulsion of Vapours and Humours downwards, and perfect Evacuation of the After-blood, which done all these symptoms cease.

C H A P. IX.

Of the Swelling of the Womb, Belly and Feet, after Child-bearing.

IT is commonly from cold gotten into the Womb, and the Belly sometimes swells as if there were another Child.

It is cured by Hysterical; or Mother-Fomentations, or with the skin of a new slain Sheep, and hard Wine; if in Travail they keep a bad Diet, or drink too much, the Humours go into Wind; and if they fall into the Legs. they swell. then take heed of much Drink. And after the Flux is past, make Evacuation with Things that expel Wind. As *Take Coleworts and Chamomil, each as you please, boil them in Wine, and foment the Parts. Or, Take Wormwood Southenwood, Bettony, Calamints, Origan, Chamomil flowers, Aniseeds, Rue, Caraway, as much as will serve for a Fomentation for the Feet.*

C H A P.

Of Vomitting Looseness, Belly-bound, and not holding of Urine in Woman in Child-bed.

Hip. 1. de nat. mulierum. **T**hey cast up a crude and indigested Meat sometimes, from Weakness of the Stomach. by consent from the Womb, or from the Humours that come to the Stomach, from the Parts near the Womb; when the After flux doth not flow, they sometimes vomit blood, or when it is disordered. For the Blood not getting out, goes to the great Veins and Liver, and in its hollow part, being plenty and sharp, it opens the Veins. and gets into the Stomach. Sometimes a Vein is broken from hard Travail.

Hip. 1. de morb. mul. It is bad, of what cause soever it comes; for the strength will fall, and there will be no Matter to make Milk of, if the Food be vomitted. If other Humours they may cause a Fever by their Motion. If the blood be vomitted from a Vein of the Liver, broken or opened, a dropsie is to be feared; therefore stop it, whatsoever it be, in this case. If it be of the Meat give that which will be easily digested, that oppresses not the Stomach which must be strengthened.

If bad Humours are vomited up, stop it not so soon. but cleanse with gentle Medicines, and open the Way by Stool.

In vomitting blood, make revulsion to the lower parts by rubbing, cupping them, or bleeding in the Arm or Ankle, and provoke the After-flux.

The Flux of the belly is dangerous, if it be great, for it weakneth and threatneth to bring a Dysentery, or Tenesmus, or Sneezing. Nor is it safe to stop it presently, lest you stop the After-flux with it. If it be from Food not well concocted let her keep a better Diet, and let the stomach be strengthened outwardly. If this will not do, give internal remedies. so that they help the Stomach, and hurt not the Womb; as the Decoction of Barley, syrup and Honey of Roses. Give Clysters also to temper the sharp Humours and cleanse.

Or, give syrup of roses, Pulp of Tamarinds, or Rhubarb And Astringent of Roses, Plantain, Tormentil, Quinces, Coral, and the like. If they be wholly stoppt, the Belly must not be bound. But first give Rhubarb and Astringents outwardly, and Provokers of Terms.

Also

Also the Belly is bound in Women in Child-bed, then give a Suppository of soap or Honey, and after four or five days give no Emollient Clysters, and Manna or Cassia

If they cannot hold their Urine after hard Travail, use a Bath of Bettony, Sage, Bays, Rosemary, Penny-royal, Origan, Stachas, and presently after anoint with this: *Take fat puppy-dog bailed in Oil of Worms, Lillies, and Fox: till the Flesh fall from the Bones; then take Fat, and add Frankincense Storax, Calamint, Benzoin, Opopanax, Mace, each a dram; Oil of Nutmegs by Expression half a dram; with Goose grease and Wax make an Ointment.*

C H A P. XI.

Of the Wrinkles of the Belly after Child-bearing, and mending of the Largeness of the Privities.

After the fourth Month, Women prevent Wrinkles, by carrying a Clout upon the Belly dipt in Oil of sweet Almonds, Jesamine, Oil of Lillies to loosen the skin, that it may stretch better without Cleft.

If the Belly be already wrinkled, *Take Sheeps- Tetrabl. 4. suet, Goats-suet, Oil of sweet Almond, each an ounce; Serm 4 112. Sperma Ceti two drams, with Wax make an Ointment.*

After the Fluxis past, *add Oil of Mastich, or Roses; or make Aëtius his Cataplasm.*

C H A P. XII.

Of Fevers and a Diseases in Women in Child-bed,

They have often continual Fevers, the first, is the Fever of Milk about the third or fourth day, from the Motion of the blood from the Womb to the Breasts; it is not of many Days continuance, and is not dangerous.

But take heed you mistake not a putrid Fever for a Milk Fever; for Labour and Pain sometimes inflame the Humours and cause Putrefaction; and though the Symptoms appear not the next Day after delivery, yet there may be the beginning of Putrefaction from the Heat of the Humours in Travail, especially, if the after flux be stopt, from which time you must count the beginning of the Diseases. For a Fever cannot be long concealed not the Motion from Travel last long; therefore it is probable the Motion is ceased, and

the

the Fever comes of another cause, which I shall declare presently,

The Causes. They are the stoppage of the After flux, or the diminishing of it, or the foul Humours that were gathered in the time of being with Child, and stirred in Travel. Too great purging of the after blood *Hippocr. 1* or Lochia signifies Cachochymy, or a Fever that *epid. tex 21* will come long after Travel. If the Lochia flow not in due time, or be stopt, then the Blood and foul Humours go back to the great Veins and Liver, and make a putrid Fever, or inflame those Parts.

The Signs A Fever from Milk comes the fourth Day, and there is heaviness of Back and shoulders, and the Lochia flow well; if not, there is the Sign of a Fever. If the Humours putrifie in the Womb, there is foul stinking Matter voided, the Belly is swollen, and is pained when touch'd. If the Fever be not from Milk and the Lochia flow, it comes from bad Humour, especially if when she was big with Child, she kept not a good Diet.

The Prognostic. A Fever from Milk is without Danger, and ceaseth the eight or tenth Day; that which comes from suppression of the Lochia or After-flux, is dangerous, and often deadly, except there follow a Flux of the Belly. If black, stinking Matter flow from the Womb, they escape. If the Fever come from the Cachochymy Before Delivery, it is worse: Because it argues much Humours, which Nature cannot discharge by after Flux, and the strength is dejected by hard Travail.

The Cure. A Fever from Milk requires only good Diet, and Sweating must not be hindered, for it cures. That which is from stoppage, or diminishing of the Lochia must be cured by provoking the after-flux, or by another Evacuation instead of it; as purging bleeding in the Foot to provoke the Flux, or by scarifying the Thighs and Legs, after Cupping while the Time is, that the After-flux should not be afterwards. For if that Time be past, if strength permit, open a Vein in the Arm, and bleed plentifully.

Valer. lib. 5 ob. 10 me. For Purging; some purge them in *4. de marb. mel. c. 1.* a Pleurisie after the seventh day, but beware, by reason of the Weakness after

after Travail ; and because Purges may hinder the After-flux, which is dangerous, it is good to evacuate only by the Womb ; but if the Flux-Blood cease, and Nature would purge something from the Womb, you may give a gentle purge of Rhubarb, Cassia, Manna, Syrrup of Roses.

Altereters are thus to be ordered ; avoid too cold and sharp Things, lest the Evacuation by the Womb should be disturbed by cold Things.

Let it be thin in the first Day of Lying-in, then *The Diet*. thicker, and so increasing ; take heed of too much Drink, especially of cold Drink.

Quest. *What Veins are to be open'd in Women that lye-in, and have a Pleurisy ?*

They have Symptomical Fevers, also from Inflammation of the Pleury, Jaws, or Liver ; because some of the foul Humours are sent to some private Parts, and make an Inflammation, to which the Fever is joined. and the Causes are as beforementioned.

If there be a Pleurisy she is in great Danger. The Question is whether she must bleed above or below ? I say thus : First, this Fever is not properly symptomatical, but primary, and hath the Inflammation its Associate, while Nature sends part of the Matter to the Pleura.

Secondly. Note, That Nature is in Error while she sends the vitious Humours, which she should expel by the Womb, to the Pleura.

Thirdly. Note, That the vitious Motion of Nature is not to be helped, therefore, which should be done, if you should presently open a Vein in the Arm ; but the Blood is to be voided by the Womb, which is Nature's Way.

Fourthly. If the Pleurisy be not abated, by opening a Vein in the Ankle for Revulsion, but the Symptoms continue or increase, you must not continue to open the Veins beneath, because they evacuate not from the part affected, which is necessary in such a dangerous Disease. It is a sign the matter is fastned to the part, that it cannot again be brought to the Womb by Revulsion. Therefore then you may open a Vein in the Arm on the same side, to evacuate and drive the blood from the part, or thereabout, or she will be in danger of Death.

And

And fear not, that Nature will be taken from her ordinary motion towards the womb thereby, for the Vein that was opened in the Foot prevented that; and if you fear any Danger you may prevent it by Frictions, and cupping of the Legs while you let Blood in the Arm.

And you may give Clysters, that may cause the Humours moving upwards, to come down, and loosen the passages of the womb, that blood may flow out the better.

As Take Pellitory of the wall, Mallores, Althæa, red Clove-worts, each a handful; Cammomil flowers half a handful, Fennel-seed greek and Linseed, each half an ounce; boil them in water to a pint strained, and Lenitive Electuary an ounce; Diacatholon, Cassia half an ounce; Oil of Violets two ounces; make a clyster.

If the Fever abate, and the time of the Flux of the Lochia be past, give a gentle purge.

Cure the rest as an ordinary Pleurisy, only take heed while the After-flux lasts, you give no binding medicine.

Also she may have a Quinsy while she lies in, while the vitious matter flow to the Jaws. The cure of which Bleeding is to be done as in the Pleurisy, but the rest is to be done as in the Quinsy.

And if the Liver be inflamed by the motion of the Humours to it, you must bleed as in the pleurisy and quinsy. Yet it is not so needful in the arm as in the pleurisy, by reason of the greater distance of the Liver from the arm, for the pleura and the breast are nearer, and consent more with the arms; but the Vein in the Leg is nearer to the hollow Vein as the distribution of the upper veins to the arms.

The rest of the cure of the Inflammation of the Liver, in Lib 3. only observe that you must not use too great coolers or binders in women in child-bed, but things that are of thin parts, lest the Flux call'd Lochia, or After-blood, should be stopped.

BOOK IV. S E C T. I.

Of the Diseases of the Breasts. C H A P. I.

Of the encreased Number of Breasts, and Greatness extraordinary

THOUGH Nature hath ordain'd two in all Women, yet some have Breasts like Men; others have had two on each side, that had Milk.

Cand. l. 8 c 43. der rum-varice Cabrol. obs. 7.

The figure of the breasts is round, pointed at the Nipple little. It ought not to be soft or hard, but of an indifferent firmness; and it is better they be indifferent, though they hold not so much Milk, lest they be subject to Cancers and Inflammations; and when they are too big, they have not a temperate Heat.

The causes of over-great Breasts is too much blood, and the strength of heat attracting and concocting it; these are remote causes, but the immediate cause is the largeness of the passages and looseness which is in the first confirmation, and furthered by Idleness, much Sleep, and few Terms, and often handling of the breasts, by which the blood and the heat is drawn to the breasts.

It is easier to keep them from growing great, *The Cure.* than to abate them when too big; with good Diet, and Tropicks that expel by cooling, and binding, and drying. Take Myrtle-leaves, Horse-tail, Plantain, Mint, red Roses, each a handful; pomegranate-flowers two pugils; boil them in red wine and vinegar, and with a sponge apply to the breasts, and let it dry, or apply Hemlock bruised, with vinegar. Or take powder of comfrey-roots, two drachms, pomegranate-flowers, red Roses, Frank-incense, Mastich, each half an ounce; Barley-flower, red Oke, each an ounce and half; white Rose-water, the white of an Egg, and a little vinegar, make a cataplasm. These may be laid to the breasts and under the arm-pits, to astringe the Vessels, and hinder the blood from flowing to them.

Hemlock, Henbane, and other Narcoticks are forbidden, because they weaken the natural Heat, and hinder the breeding of Milk.

Dryers and Discussers are good in Women that have great Breasts after weaning, to consume the moisture. As take Bean and Orobolus-meal, each two ounces and a half; comfrey-roots in powder half an ounce; Mint three drachms; Wormwood, Cammomile-flowers, and Roses, each two drachms; boil and add two ounces of Oil of Mastich, make a cataplasm.

The Breasts are too little, when the Flux of blood to the breasts is hindered, diminished, intercepted, revelled, or turned another way, or when the blood is not drawn by the
Breasts,

Breasts, as in a dry Liver-famine, much Labour. or in Watchings, Fevers, and other Diseases that consume the body. The same is when the radical moisture of the Breasts is consumed.

You must remove the cause that breeds it, and often Friction will attract blood, and foment with warm Water, in which Emollients have been boiled with white Wine, and then anoint with oil of sweet Almonds, or with indian Nuts.

Looseness of the Breasts is cured by Astringents.

C H A P. II.

Of the swelling of the Breasts with Milk.

WHen the Milk-carrying Veins are too full, and the Breasts swell all over, or in Part, and are pained by stretching, and red. Sometimes the Milk congealeth, and is a hard Tumor.

The Cause is abundance of Milk or Blood that makes it, or the Weakness of the Child that cannot suck or because he is weaned.

It often ceaseth without Remedies. Sometimes it is an

Inflammation. or the Milk hardens to a Tumour.

The Cure. You must hinder the breeding of much Milk, of which hereafter, and consume that which is bred; in Women that give suck, the Child will draw them, or a Puppy: Or use a Glass to suck with; they who will not give suck, may use this: *Take Barly-meal, of Lentels, Althæa-roots, Chamomil-flowers and Mints each half an ounce; Agnus-Castus-seeds, two scruples; boil them in Wine, add a little Vinegar, Oil of Dill two ounces, make a Cataplasme.*

C H A P. III.

Of Inflammation and Erysipela's of the Breasts.

Sometimes the Tumour in the breast is inflamed from Blood; for though plenty of Milk cause an Inflammation, blood is the immediate Cause; for Milk, as it corrupts and grows hot, increaseth Pain, and so the Blood staying in the small capillary Veins, being out of the Vessels, is hot, putrid, and inflamed. There are other Causes, as Strokes, Falls, straitness of Cloaths, and other Hurts of the Breasts.

A hard

A hard and red Swelling shews Inflammation *The Signs.*
with beating Pain, and a Fever.

These Inflammations are commonly with- *The Prognostic.*
out Danger, but because the Breasts are so
loose, and have many Kernels, and little Heat they turn to
Cancers and Schirrhus.

If you fear a great Flux of Blood will increase *The Cure.*
the Inflammation, let blood in a Plethorick body.
But if it come from stopping in the Terms or After-flux,
first open the Vein in the Ankle, and scarifie the Legs, then
if need be open the Arm.

If bad Humours coming to the Breast, nourish the In-
flammation give a gentle Purge of Manna, Senna, and the
like. If the Blood be too hot, or mix'd with hot Humours
that help the motion of the Blood use Alterers; as Lettice,
Endive Purslane, Plantain, Water-Lillies, and the like.

Use repellors after these, but such as are *To be a faithful*
weak and not too cold, as a Clout dipt in *Physician judy*
Water and Honey, with Oil of Roses appli- *my Sennertus,*
ed to the Breasts. Or, Take Lettice Purslane, *Platerus, Ri-*
each a handful; boil them in Water, add Vine- *verius, & of the*
gar two ounces, make an Epithem. *last Edition.*

Or, Take Nightshade, Lettice each a handful;
boil them, stamp them, and add Barley meat two ounces powder of
Chamomil flowers half an Ounce, Oxmel, Oil of Roses, each a
dram; make a Cataplasim.

When the beginning of the Inflammation is past, add dis-
cussers with your Repellers. As, Take ~~White-bread~~ crums,
Barley flour, each half an ounce, powder of red Roses; and Cha-
momil flowers, each two drachms, boil them add Rose-vinegar an
ounce, make a Cataplasim.

At length only discussers. As, Take Bean-flower, and of
Lupines and Fœnugreek, and Linseed, and Powder of Chamomil-
flowers, each an ounce; make a Cataplasim.

If the Matter grow hard, use Emollients and Attenuaters.
As, Take Mallows a handful, boil them till they are soft, and
powder of Linseed, Althæa and Chamomil flowers, each an ounce
boil them again, add Oil of Jasmine an ounce, make a Cataplasim.

If it tend to Suppuration, lay a Plaister of Diachylon. Or,
Take Mallows and Althæa, each half a handful; boil them till
they

they are soft, stamp them and add powder of *Althæa*-roots two ounces, powder of *Line* and *Fænugreek* seeds, each an ounce; Leaven half an ounce, add Oyntment of *Althæa* two ounces make a Cataplasme. When there is Matter, and the Imposthume breaks of its own accord, it is well, otherwise open it with a Lancet, or some sharp Medicine, and let out the Matter, and then cleanse it thus: Take *Turpentine*, *Honey of Roses*, each an ounce *Mirr*h a scruple. The Ulcer will be hard to be cured, except you dry up the Milk in the other Breast, by reason of much blood that will flow thither to breed Milk.

Quest. *Whether the Inflammation of the Blood alone, or from Milk also?*

The Inflammation and swelling in Women in Child-bed upon their breasts is from the Afflux of too much Milk, and it is with redness and pain, and beating or pulsation; and it is not only from blood, for Tumour (are in other Parts) are seldom pure or unmixed, but there are other Humours with it. Therefore it is certain, that when the Blood is drawn by heat or Pain, or comes of it self to the Breasts and begins to corrupt, the Milk also may be corrupted.

Of the Erysipelas of the Breasts.

This Erysipelas is from Fright or Anger, and it turns presently to a Phlegmon, and is cured as the Inflammation of the breast.

Lay no cold astringent Repeller, or fat Things, but things that sweat, as *Harts-horn*, scaled Earth; *Carduus* must be given with Elder-water to discuss that thin blood that causeth Inflammation. Apply outwardly a hot pledget dipt in Elder-water.

C H A P. IV.

Of the Oedema of the Breasts.

THIS stegmatic Tumour is in the chacheetic Women that has the white Fever; it is cold and white; and pits, because the part is loose and spungy.

The Signs. Are a loose Tumour almost insensible of pain, and the Finger laid on, leaves a pit. It is larger when the terms are at hand, and abateth when they are past.

If it comes from Cachexy, and a disease of
The Prognostic. the Womb, it is dangerous; but it commonly ends by Resolution, or is dissolved.

The

The cure is by dry and hot means; and if *The Cure.* it is from a Cachexy or want of Terms, they must first be removed; then use Topics that discuss and resolve, and strengthen, let them be but temperately hot, lest you discuss the thin, and leave the thick, which will cause a Schirrhus. Make therefore Fomentations of Lixivium of Vine and Colewort Ashes, and Sulphur, or a Decoction of Hyssop Sage, Origan, Chamomil Flowers. Then anoint with Oil of Chamomil, Lillies, Bayes. Or, Take *Barley-flour four ounces, of Linseeds, Fenugreek, Dill, Chamomil-flower each half an ounce; Albea-roots an ounce, with Oil of Chamomil and Dill make a Cataplasim.*

C H A P. V.

Of the Schirrhus of the Breasts.

IT is hard Tumour without Pain from Melancholy gathered in the Veins that flow to the Breasts; or it is thick flegm dried. Sometimes both Humours are mixed together or more, which makes a bastard Schirrhus. And if burnt Humours abound most, it turns to a Cancer; and if Melancholy be most, it is not a Schirrhus but a Cancer.

There are two Signs of a true Schirrhus, Hard *The Signs.* ness, and want of Pain. If it be fixed sometimes White, and sometimes black or blue, as the Humour is. If it be a bastard Schirrhus, there is heat and pain, and if the increase, it turns to a Cancer; and the Veins grow blew about and begin to swell.

The bigger and harder it is, the more hard *The Prognostic* it is to be cured. If hairs grow upon a Schirrhus, it is incurable. and it easily turns to a Cancer.

After Univerfals, and the Cause is removed *The Cure.* from the Womb, or the whole body, let the containing Cause be softened, made thin and dissolved. But beware of Things. First, that the thin Parts be not dissolved by too hot Medicines and the thick left, for so it will be too incurable, and as hard as a stone. Secondly, that you ferment not the matter by moistening Emollients, so that it turn to a Cancer.

The Antients either used none, but a drying or a moistening Medicine only. You must either use Moistners and Emollients, with Digesters by Turns, or mixed.

Inst. l. 5. Pit. Foment with the Decoction of Mallows,
sec. 1. c. 6. Althæa, Fænugreek and Linseed, Brank-ur-
 fine, and Chamomil-flowers. Then anoint
 with Oil of sweet Almonds, Chamomil, Hens-grease, Veal-
 marrow, Oyntment of Althæa. Or, apply this Cata-
 plasm: Take *Althæa, Mallows, Brank-urfine, Fennel-tops,*
each a handfull; boyl them soft, stamp them, add Barly and Bean-
flour, Linseed, Powder of Althæa-roots, Camomile-flowers, each
an ounce. Or lay on the great Diachylon Plaister; and that
 of Frogs. Then sprinkle Wine upon a hot Stone, and let
 the Fume be received. And apply a Plaister of Ammonia-
 cum dissolved in Vinegar.

If it be a bastard Schirrhus, you may fear a Cancer. Then
 after Universals and Bleeding, take away the disposition of
 the Bowels that breeds black Humours.

If you fear a flux of Humours, use Oil of Roses, and
 Juice of Plantain; and if there be heat, stir them first in a
 Leaden Mortar, till they change their Colour, then add Ce-
 rufs, Lithorge each three ounces, with Wax make an
 Oyntment.

C H A P. VI.

*Of the Glandules or Kernels in the Breasts being swollen, or of
 the Scrofula and Struma in the Breast.*

Celsus saith, the Struma an Scrofula in the *The Causes*
 Breast are rare.

It is from a thick Humour, flegm or melancholy. Struma
 is with Pain sometimes, and like a Cancer. or seems to turn
 to a Cancer but continues many Years at a stand. But let
 the Cause be what it will, it comes from the stoppage or disorder
 of the Terms, by reason of the great consent of the
 Womb with the Breast.

The Signs The Glandules or Kernels are to be felt, though
 not before there is one great unmoveable Tumour
 and the rest are small.

The Prognostic It is hard to be cured for two causes; the
 earthiness of the Matter, and the deep lying
 of it. They which are near the skin, are easily dissolved.

The Cure. After purging and bleeding, use Emollients and
 Discussers that are strong, as in Schirrhus.

Take

Take Orris roots three ounces boyl them in Oxy-mel stamp them add Turpentine, Oyntment of Althæa each three ounces, Mucilage of Fœnugreek-seed an ounce.

Or, Take roots of Althæa two ounces, Briony-roots an ounce, Orris-roots half an ounce; boil them soft in White-wine stamp them, add Ammoniacum dissolved in Wine, each an ounce, with Pitch and Wax make a Plaister if it cannot be discussed, suppurate or cut it, but this is troublesome and dangerous.

C H A P. VII.

Of the Cancer of the Breasts.

Hippocrates saith, that an occult Cancer is 6. Aph, 38. better not cured than cured; for if cured, they presently die, but if not they live long. Many Women having lived long with good order of Diet. having a Cancer, as if they had no Disease, so saith William Fabricius, and that if the Cancer be not Ulcerated they may live forty Years without Pain; and if Cent. 3. obs. 87. you lay on Emollients and suppuraters, they die in half Year.

The Breasts are spongy and loose, and there fore Cancers breed often there, but the Causes is from the Womb, when they are of a hot and dry Constitution with burnt blood, and when the Terms stop, and then the Humours flie to the Womb and make a Cancer, either with or without a Tumour aforegoing. *The Causes.*

A Cancer that ariseth of itself is hard to be discerned at first, for it is a little Tubercle, no bigger than a Pea, and grows up by degrees, and spreads out Roots with Veins about it. And when the skin is eaten through, it is a stinking Ulcer, and the Lips are hard, and the Matter black. *The Signs.*

It is hardly or never cured, because the black Humour that causeth it is very troublesome, and hath a peculiar malignity, which is fermented and made worse with Emollients and Suppuraters, which loosen the Vessels, and deliate them, so that the Humours flow easier to the Part, and the corrupt Humours get easier to the Parts adjacent, and infect them. *The Prognostic.*

The Cure.

A Cancer not Ulcerated, is to be let alone. by the counsel of *Hippocrates*. But let the Blood and purge Melancholy often. But use no Topicks that may rot or provoke that Part, but things that by Experience take away Pain; as Nightshade Water, Snails boiled, and Frogs in Oil and with Ashes of Frogs made into an Ointment, or Medicines of Lead. *As*, Take Oil of Roses two ounces, juice of Nightshade Berries an ounce and half, Cerus washed, sugar of Lead, each a dram, Pompholygos half an ounce, mix them in a Leaden Mortar till they are thick.

Or, Use Cray fish ashes, and the ashes of the inward rind of an Ash tree, or Herb Robert.

Lib. 2. de cur. *Arcaeus* teacheth how to cut them out, and *vulner. c. 3.* then burn the part, if they be deep and ulcerated. *3 obs 87* But *Fabricius* shews that you must burn after to consume the reliquies and stop the blood; cleansed. Take Herb Robert, Verbascum or Moulin, Scabious Caprifolium, or Honey suckles, Dill, Mans grease, each equal Parts, burn them, take three ounces, and with six ounces of Nightshade Water, in a leaden Mortar mix them.

After cutting out the root purge melancholy often and provoke Terms or Hæmorrhoids. lest it return.

Give Treacle, Mithridate with juice of borage, Sorrel, Cray fish broth, and Asses milk.

Ant Chalmeteus. This Water is good against all Cancers, Take Moulin roots, Clowns all heal each two ounces; Dropwort, Ceterach, Herb Robert Agrimony Tormentil, Scabrous, Avents, Flaxweed, each a handful; Nettle-seed three drams Elder and Rosemary flowers, each a pugil; boyl and sweeten them with Sugar. Foment and wash the Cancer with one part of it, and let the dregs be applied as a Pultifs.

Fuchsius his blessed Powder. Take white Arsenick that shineth not like Glass an ounce, powder it: pour Aquavitæ upon it, and put it off add fresh Aquavitæ every third day, for fifteen days. Then, Take roots of great Dragons gathered in July or August sliced and dried in the Wind, two ounces. Thirdly, Take bright clear sort of the Chymney three drams make a Powder. Keep it close stopt in a Glass, the older the better, use it not 'till after a Year.

For

Of the straitness of the Breasts. 285

For a Pallative Cure, keep it from increasfing, and take away Pain with this Water. Take Phularia-roots, and Herb Robert, each a handful; Nightshade, Bugloss, Borage, Purslane, Eye-bright, Bettony each half a handful; a Frog and two whites of Eggs, with Quince-seeds and Fœnugreek, each an ounce; Rose and Eye-bright Water. each a Pint; distil them in a Leaden Still.

Use not Cancers as other Ulcers, for Emollients, Healers and Drawers exasperate and kill with great Pain.

C H A P. VIII.

Of Ulcer's and Fistula's of the Breasts.

After Universals, dry up the Milk, and if the Breasts hang down, bind them up, that the Humours flow not down, and move not the Arm on that side. Then cleanse it with Decoction Rhaphontick Zedoary and Agrimony. Heal this: Take *strong Wine five quartis, Rheris, obsoniorum, Cyprus-nuts, each four Ounces; green Galls two ounces; boil them to the Consistence of Honey.* If you fear a Fistula, enlarge the Orifice, and take away the Collous, and heal it as an ordinary Ulcer.

C H A P. IX.

Of the Straitness of the Passages of the Breasts.

When the Veins and Arteries are not wide enough to contain blood to be turned, there is no Milk.

They are stop't by thick Humours, as the Vessels of the Womb are, the Cause is the stoppage of the Terms, or hard Tumours in the Breasts that stop or press. When the Nipple hath no hole for the Child to suck, it is from the Birth, or a wound or a Scar after an Ulcer.

There is little Milk, and the Breasts pine. If the Breasts swell, and Milk cannot be sucked out, the Fault is in the Paps, or the Veins of Milk.

An obstruction from gross Humours may be cured. If it be from a Schirrhus or Scar after an Ulcer it is curable, and so the Nipple born without a hole.

If it be from thick Humours, or blood, attenuate it with proper Things, as Fennel, Dill, Parsley, Aniseeds, Pease, Rocket-feed, or Earth-worms made into a Cataplasm or Fomentation: Often rubbing of the Breasts, opens the Milk-veins.

C H A P. X.

Of strange Things bred in the Breasts.

HAIRS Stones and Worms have been found in the Breasts, A Worm beeds from putrid Blood, and is like a hair; the same may be in the Back and Navel as I shewed. And a good Author writes, That a Woman pained in her breasts, could not be eased till Imposthumes broke, and Worms came forth.

*Baal Ran
filus misce
epist 10.
Lib de oc-
cult na
mira. c. 12*

Levinus Lemnius saw Stones that grew in the Breast.

C H A P. XI.

Of the Diseases of the Nipples

THEY are either wanting or be hid one or both, which hinders giving suck. If it be from the birth, it is scarce cured, and also when the Nipple is eaten off by an Ulcer.

When they come forth first use a sucking Instrument and then apply Puppy-Dogs to suck.

*Amatis Lusit cur
medcent 5 cur 31*

If there be no hole from Birth, or Ulcer healed it is incurable; if it be a little, often sucking will enlarge it.

The Clefts in the Nipples is an usual Evil, and causeth great pain in Nurseries; and if it continue long, it turns to foul Ulcers, that they cannot give Suck.

To prevent this Evil, in the two last Months of being with Child, wear two Cups of Wax, over the Nipples with a little Rosin.

They are cured thus, with Oil of Wax, Mirtles, Oyntment of Lead, Tutty. Or Take, Tutty prepared a scruple, Alum half a dram, Camphire six grains, with Capons-grease and Oyntment of Roses make an Oyntment, Or, Take Pomatum an ounce an half, Mastich a scruple, powder of Gum-Traganth and red Roses each half a scruple. Or, Take, Oyntment of Lead, Pomatum, each half an ounce; Frankinsence, Bole, each half a scruple; mix them.

When

When the Infant is to suck, wash the Breasts first with white Wine and rose Water. That the Child may suck without Pain to the Woman, let her have a Tin or Silver Nipple, and cover it with the Pap of a new killed Cow, and let the Child suck that.

B O O K. IV.

S E C T. II.

Of the Symptoms of the Breasts.

C H A P. I,

Of want of Milk and not giving Suck.

TH E R E are many Causes of Want of Milk either there is little blood to breed it. or the Milk-making Faculty in the Breast that make Milk is not right; or the Instruments for Blood-making are distempered.

Sometimes the Matter is consumed by a Fever, or Fasting, when they loath Meat, or from Care or Labour, Evacuati-
ons, Sweats or loose Belly. Or from Weakness of the Infant that cannot draw hard. Also Sadness, Fear, and the like, may hinder blood from flowing to the Breasts.

Milk is wanting when the Breasts are flabby, *The Signs.*
and swell not, and little Milk is sucked out.

The Signs of the Causes thus. If it be from the Liver, there will be Signs of its Distemper; if from great Evacuati-
ons that is known; the Fault is known to be in the Breasts, if as oft as they Lie-in, they have no Milk, and the Breasts are small and wrinkled; or if Medicines to keep down the Breasts have been applied, she will tell you; or if it be from Weakness of the Child, or Passions of Mind.

The inconvenience is little to the Nurse, but *The Prog-*
great to the Child; therefore get another Nurse, *nostic.*
or cure her.

To breed Milk, give things that breed much *The Cure.*
and good blood, of easie Concoction. Medicines
to breed Milk, are Fennel-roots, and all green things that heat and are not very dry, which are few; but infinite are they that hinder Milk, as things hot and dry, and cold things.

These increase Milk, Roots of Smallage, Seeds of Parsley, Dill, Basil, Anise, Rocket, Earth-worms wash'd in Juice of Fennel and dried, or burnt in a Pot a Drachm or two, fast-
ing for some Mornings, or Cryстал, or Milk-stone a Drachm.

Compounds are: Take green Fennel, Parsley, each a handful. Barley, two pugils, red Pease half and ounce; boil them and with Sugar sweeten them, or in Chicken-broth. Or,

Take green Fennel six drachms, Barley two pugils, boil them in Broth and strain them. Or, Take Fennel-seed six drams, Anise, a drachm and half, Rocket-seed, half a drachm, give a drachm or two in broth. Or, Take Cows Udder-sliced, dry it in an Oven and powder it. Take half a pound of it, Anise, Fennel-seed, each an ounce; Cummin-seed two ounces, Sugar four ounces, make a powder.

Hot Fomentations open the Breasts, and attract Blood, as the decoction of Fennel Smallage or stamp Mints applied. Or, Take Fennel and Parsley-green, each a handful boil and stamp them add Barley-meal, half an ounce, Gith-seed a dram, Storax Calamite, two drams, oil of Lillies two ounces, make a Poultis. A Dropax and Synapium, or Plaister of Mustard, are good if often changed.

C H A P. II.

Of too much Milk.

THIS is when much blood flows to the Breasts, and the Mother will not give suck, or weans the Child, for the Infant cannot suck it as fast as it breeds, when there is much blood, and good breasts that cannot make milk.

The Prognostic. If Milk be kept and cannot be sucked out by the Child, there are swellings, Inflammations, Pains, cuiddings and corruption.

Arist. 7 de hist. ani, c. 12. Children that suck much, if they be full Boddied, have Convulsion.

The Cure. The first coming of Milk is not to be stop but when there is more than the Child can suck, it is abated with a slender Diet of little nourishment, as Barley, Potherbs, Water. By letting blood or Cupping, or by repellors to the Veins under the Arms above the Breasts.

Mints, Calamints, Smallage, Agnus, Castus, Coriander, Hemlock; to abate Milk, Mints, and Smallage are doubted.

Compounds. Take Smallage, Mint, Mallows each a handful; Fœnegreck, Cummin-seed each half an ounce; Chamomil, Melilot-flowers, each a pugil; boil them, and foment, add a little Wine to make a Pultis of them with Bean-flower and Oxymel. Or, Take Cummin-seeds, boil them in Vinegar, and with a sponge foment. They

They which will not give suck, let them foment with this Decoction, Take Mallows, Bays, Fennel, Smallage, Parsley Mints, each half an handful; anoint after with Oil Omphacine. Then take Turpentine washed with Wine and Rose-water three ounces, Eggs two or three, Saffron a scruple, with wax make a Plaister, with a hole in the middle, repeat it always before Supper.

If you fear inflammation by too great a flux of Milk repel with a Cataplasim of Lettice, Water-lillies, Poppies, Housleach. Or, Take Turpentine washed with Mint-water three ounces; Cummin-seed, Orris, Mints, each half an ounce; Saffron a scruple, with wax make a Cerot.

C H A P. III.

Of curdling and other Faults of the Milk.

IF it stay long in the Breasts, the thin evaporates, and the hard remains, and hardens the Kernels; hence are there Tumours, because the cheefie part of the Milk is apt to harden. Sometimes Milk is too thick or too thin, sharp, salt, or the like.

The Tumour from Milk curdled, is known by *The Signs*. the plenty of Milk retained that Makes clefts and Pains, and little tumours.

If curdled Milk be strong in the Breasts, *The Prognostic*. it easily turns to an Imposthume and Inflammation.

To hinder curdling. Take Powder of Mints, Cornander-seeds each two ounces; Oyl of Dill an ounce; with Wax make a Liniment. Or, Take Oyl of Mints, Chamomil, Dill, Rue, each an ounce.

To dissolve curdled Milk, Take Fennel-roots Eryngo's each an ounce; Mints a handful, green Fennel half an handful, anniseed a dram; boyl them to a pint add syrup of the two Roots and Oxymel, each two ounces.

Foment with the Decoction of Fennel, Dill, Southernwood, Cammomil, Meilot flowers, Fenugreek, Linseed, Parsley-seed, Smallage, or stamp them or Mints with Butter apply it. If it be hard, Mints, Colewort, Bran, each a handful; boyl them in Vinegar, and apply them.

Or, Take Juice of Smallage, Dill Coleworts, each a handful; boyl them soft and brose them, add powder of Myrrh, Orris, each two drams; Saffron a dram Oyl of Rue an ounce Vinegar an ounce and half make a Pultis.

Of Milk coming forth at wrong places.

Milk hath been known to come forth with the Urine, or by the Womb by which Passage is the doubt; the short way is from the Breast-veins to the Epigastric, and so from the Epigastric to the Hypogastric, and so to the Womb rather than from the Pap-veins to the breast-veins, and so to the Hypogastric, and so to the Womb.

C H A P. V.

Of strange Things forth of the Breasts.

Schenkius, l. 2. ex. observat. Bauhini Amat lusi cent 2 cur 21. **S**ometimes Matter comes forth of the Nipples when they have long Ulcers, and after the Ulcer is healed it ceaseth

Sometimes the Terms have come forth of the Breasts at set Periods, of which *Hippocrates*: When blood come forth at the Nipples, there is Madness. *Amatus Lusitanus* knew two Noble Women that were so, and not Mad. And *Hippocrates* doth not speak of the Terms, but of other blood that is hot, and flies to the Head, and causeth Madness, and part of it goes to the Breast, and causeth Pain and Inflammation, which shews Madness, at hand.

It is cured by opening the Saphena in the
The Cure. Foot to reveal the blood.

C H A P. VI.

Of the Change of Colour in the Nipples, and Pain of the Breasts.

THE change of colour in the Nipples, is not a Sign of the loss of Virginity, for they are blue in them that give suck, black in old Women, and in them that have known Venery, it is natural, and red as a Strawberry. Now because there is great consent between the Womb and Breasts, if the Womb be distempered, the Nipples are discoloured.

The Pain in the Breasts, is from stretching by much Milk, and Inflammation; or from corrosion and twitching from sharp Matter, as in the Cancer and other Ulcers.

The cause of the Pain is known from the Distemper. If it be from much Milk, it is a gentle Pain. If from Inflammation, it is stronger. If from a Cancer it is very great.

How these Pains are cured, is shewed in their Chapters.

B O O K. IV.

P A R T. I.

Of the Diet and Government of Infants,

C H A P. I.

Of the Choice of a Nurse.

THE Blood that nourisheth the Child in the Womb is turned into Milk to nourish him after he is born, because he can eat no solid Meats. And because from Weakness or a disease, the Mother sometimes cannot suckle her Child, she must have a Nurse of good Habit of Body, and red Complexion, which is the sign of the best Temper; and let her not differ much from the Temper of the Mother, unless it be for the better; let her be between twenty and thirty, well bred and peaceable, not angry, melancholy, or foolish; not lecherous. not a drunkard. Let it not be after her first Child, and let not her Milk be too old or too new, of ten Months old at the most. Let her Breasts be well fashioned with good Nipples, that the Child may take them with Pleasure.

Let her keep a good Diet, abstain from hard Wine and Copulation and Passions; these chiefly trouble the Milk and bring Diseases upon the Child. If there be a bad Humour from high feeding in the Nurse, let her take a gentle Purge when she gives not suck, except the Child be to be purged by the same.

Quest. *Whether is an Infant better nourished by the Mother or by a Nurse?*

Some say by a Nurse; others say the Mother's Milk is more like the Nourishment it had in the Womb which is best except she have a Disease. For he that gave her strength to conceive, travail, and bring forth, will give her strength to play the Nurse, though she be weak. And honest Women will be very obedient to Directions, for the good of the Child they love so dearly; of *Lib. 12. c. 1* which *Phavorinus*.

Of the Conditions of good Milk.

IT must be neither too thick nor too thin, for too thick cannot be concocted, and the thin argues credities. If it be dropt upon the nail, or a glass, and falls not easily off as Water; if it stick too fast, it is too thick.

Let the colour be white; the more it differs from that the worse it is. Let it be sweet not sour, salt or bitter, or sharp. Let it neither smell burnt or sour, for then it will easily corrupt in the Stomach of the Child.

Of Curing the Faults in Milk.

THE usual Fault is, when it is too thin by reason of plenty of Serum in the Blood; this nourisheth little, and makes lean Children that fall into a Diarrhæa or Belly flux. If it be too sharp they are scabby.

The Cure. Give hot and dry things, let bread be well baked with Anise and Fennel-seed, roast the Meat and give Rice and sweet Almonds; avoid Fish, Sallets, Summer-fruits, much Broth, use often Exercise, and purge Serum or Whey, with syrup of Roses and Mechoachan or Rhubarb, if it be hot or choleric.

If serous Humours come from the Distemper of the Liver, amend that, and let cold and moist Breasts be amended with things hot and dry.

Of thick Milk.

It is from gross Diet and Drink, or from a hot and dry Distemper in the Breasts that turns up the thin Blood.

The Cure. Give Flesh of good Juice, and easie Concoction, Chickens, Kid, Veal; abstain from gross Food; use moistners and attenuaters, and if there be thick Humours with the Blood, let them be evacuated.

Of the sharpness, ill-taste, scent and colour of the Milk.

There are divers tastes, scents and colours in Milk from variety of Diet. Therefore let a Nurse take heed of fried Onions.

Onions, and all sour, salt, and spiced Meats; and let her eat Sallets and Radishes, and the like. Let her not be Passionate. Milk also is sometimes salt, sharp, cholerick and melancholic.

This breeds dangerous Diseases, as wringing in the Belly, flux, watching, leanness, thrush and falling Sickness.

Correct the blood, and keep a good Diet; beware of things that corrupt the Milk as sharp, *The Cure.* salt Things; avoid Anger and other Passions and Venery. Good Wine moderately taken by such as have used it, takes away the ill scents from Milk.

If these will not do, purge the Cacochymy or evil juice, with Medicines proper for the Humours offending.

C H A P. IV.

Of the Diet and Government of new-born Children.

THE best colour in a new-born Child, is Redness all over the Body, that changeth by Degrees to a Rose colour they who are white, are sickly and short lived. It must cry clear and loud, which shews the strength of Breath. Observe all the Parts and Figure, and Passages diligently; let the Midwife handle it gently. Roul it up with soft Cloaths, and lay it in a Cradle, and wash it first with warm Wine; give it a little Honey before it sucks, or a little Oil of sweet Almonds newly drawn, that if there be any filth contracted in the Stomach from the Womb, it may be cleansed, for there is black Matter yellowish in the Guts, which if not voided, will cause an Epilepsie.

Keep it from cold Air, and not too hot; nor in too great Light; set not a Candle behind it at the Head, nor let it see the Sun, lest it be squint-ey'd. Let it not be frightened, nor left alone sleeping or waking, lest it receive Hurt.

Let it sleep long, carried in the Arms often and give it the Nipple, but fill not too much his Stomach with Milk. After four Month loosen the Arms, but not the Belly, and Breast, and Feet, but keep them rowled from cold above a Year. Let it be often cleansed from the Excrements of the Belly and Bladder, lest they cause Itching or Pain, or Excoriation.

A little

A little crying empties the Brain: and enlargeth the Lungs, and stirs nataral Heat; but let it not cry too much, for to prevent Catarrhs and Ruptures; but it doth not least hurt before sucking, and after Concoction.

The first Months, let it only suck as often as it will, so the Stomach be not over charged, Give it change of Breasts, sometimes the right, sometimes the left. Afterwards make a Pap of Barley-bread steeped in Water, and boiled in Milk. Let strong Children have it betimes, and not suck an Hour after; thus it must be nourish'd till it breeds Teeth,

C H A P. V.

Of the Diet of an Infant from breeding of the Teeth, till it be weaned.

WHEN the Teeth come forth, by Degrees, give it more solid Food, and deny it not Meats, such as are easily chewed. When it is stronger, let it not stand too soon, but be held by the Nurse, or put into a Go-Cart that it may thrust forward itself, and not fall.

In Places where bathing of Children is used, let it be washed twice a Week, from the seventh Month, till it be weaned.

C H A P. VI.

Of Weaning of Children.

WEAN it not till the Teeth are bred, lest when the Eye-teeth come forth, it causeth Fevers and Ach of Gums, and other Symptoms.

The strong Children must be sooner weaned than the weak, some in the twelfth some in the fifteenth Month. It is good to wean them at a Year old; but give it not suddenly strong Food, but bring it to by Degrees while it sucks.

It is best to wean in the Spring or Fall, in the Increase of the Moon, and give but very little Wine.

C H A P. VII.

Of Childrens Diet after Weaning.

1. *Aphor.* 13. **F**OR seven Years the Diet must be such as nourisheth and causeth growth; for Hippocrates,

crates saith, They cannot endure to fast, especially if they be witty. Keep them from Passions, Sorrow and Fear; and cocker them not, but keep them to Reason. Let them play to temper the Affection, but so as not to hurt the Body,

B O O K. IV.

P A R T. II.

Diseases, and Symptoms of Children.

C H A P. I.

Of Infants Diseases in General.

H *Ippocrates* divides their disease according to their Ages: In new born Children there are Ulcers in the Mouth, Vomiting, Coughs, Watchings, Feares, Inflammation of the Navel Moistness of Ears. 5 *Aphor.* 24. At breeding of Teeth the Gums itch, and there are Fevers and Convulsions, and a loose *Aphor.* 25. Belly when they are older, the Tonsils are inflamed, the Vertæbre in the Neck are luxated *Aphor.* 25. inwardly; the Breath short, they have the Stone or round Worms, or Ascarides, Warts, Satyrism or standing Yards, Strangury, Struma's and other Swellings.

They have other Diseases at other Times, as Meazels. small Pox, the Ligament of the Tounge is too short chafing.

In the cure, use not strong Remedies, nor bleeding, nor purging, but Suppositories and Clysters. As Take Violet leaves, Mallows each a handful; flowers of Chamomil and Violets, each a Pugil; boil them to four or five Ounces strained, and syrup of Roses half an ounce, or six drachms, Oil of Violets half an ounce, make a Clyster.

If it need other Physick, give it to the Nurse, 6. *Epid. c* 6. for the purging Force is sent to the Milk, as *Hippocrates* saith, *If a Woman take Elaterium or wild Cucumbers, the Child is purged,* but you must not give these to the Nurse but gentle things will purge the Infant, if the Nurse take them.

Of Fevers in Children, Meazles, and Small-Pox.

THEY are subject to all sorts of Fevers, but they are chiefly a Fever from Milk, which putrifies, and turns to Choler, and Inflames the Humours. And when the Teeth break forth, the Gums are inflamed: they have watching and itching Pain in the Mouth and then Fevers.

The Signs. When Fevers come from corrupt Milk, they expel no Teeth, and there are Signs of corrupt Milk, Belly ach; many Stools yellow and green. A Fever from breeding of Teeth hath its proper Signs.

The Prognostic These fevers cease when the cause is removed, but if corrupt Milk last long, it is dangerous.

The Cure. A Fever from corrupt Milk, is commonly from Choler; therefore give cold moist Things to the Nurse, as Lettice, Endive, Emulsions of the four great cold Seeds, Barley-cream. Give no Wine while the Child is in a Fever. Purge the Nurse gently with Manna, Cassia, Lenitive Electuary, and Syrup of Roses.

Give Alterels to the Infant as Syrup of Violets, Sorrel, Citrons, Succory, Endive-water, and of Violet with Sugar.

Anoint the Back-bone with Mucilage of Quinces, Fleabean, with Oil of Violets, and a little Wax; lay Astringents to the Stomach. As, Take Oil of Roses, Marsh-mallows, each half an ounce; red Sanders, Coral, each a scruple; with Wax mix it.

If the Fever come from breeding of it, abate the Pain and give the Alterers, of which, Chap. 14. *Of breeding the Teeth.*

Of Meazles and Small-Pox.

Lib. 4. De fabr. c. 12. **T**H E R E are Epidemical Fevers at certain Times, that cast out Meazles and Small-Pox, of which before. The Cause is not only from the Impurity of the Terms, but from the Malignity of the Air, for they are more or less, as the Air is purer or impurer.

Sometimes

Sometimes it is infectious, and the Humours are so corrupt. that Worms breed under the Scabs and corrode the Bones and internal Parts, as hath been seen in Bodies opened, dead of this Disease.

If the Disease be very Infectious, before there is a Fever, it is good to preserve by Change of Air and Antidotes, when many die of it; but when few die, it is not amiss to let them alone, lest they have it in a more dangerous Time, for most will have it; only give a gentle Purge and fortifie Nature, that she may expel them.

If there be a Fever, use no more Preservatives, but labour to get them forth by Medicines mentioned, and defend the Eyes and Throat, and prevent Deformity, of which before.

C H A P. IV.

Of the Milky Scab; Achores and Favus.

THE Milky Scab is at the first sucking, the Achores are after. The Achores are Scabs not white, and the white Scab is not only in the Face, but all over the Body. The Achores are only in the Head but they are cured alike. They are all Ulcers chiefly in the Head, with Holes that run with Matter constantly,

They come from excrementitious Humours, *The Causes.* waterish and sharp, mixed of thick and thin, very salt. Therefore they are sometimes yellow *2. de compo.* or white, or red, or black, but always salt, *med sec 10 c 8.* and biting and itching, that makes them scratch. They are gathered in the Womb, and from Corruption of the Milk.

The Vulgar think they are healthful when *The Prognostic.* they run, because Nature sends them forth, and if they strike in, they cause Diseases and *Hipp. lib. de* Epilepsies. They cure in time themselves; *sacro morb.* but if the Matter be very bad it pierceth the Skull.

Dry these not rashly, so they disfigure not the *The Cure.* Face, nor hurt the Eyes. But drive them forth with Scabious, Cardus Water and Cordials. Use no Coulers nor Astringents, lest the Matter be struck in. Let the Nurse forbear salt, sharp and spiced Things, and strong Wine. Prepare the Humour with Borage, Succory, Bugloss, Fumitory,

tory, Hops, Polypody and Dock-roots. Then purge with Senna; Polypody. Epithymam, and Rhubarb, and strengthen the Bowels. As, Take conserve of Borage, Bugloss, Violets, Fumitory, Succory, each an ounce; Diarrhodon, Diamargariton frigid, Harts-horn, each a scruple; with syrup of Gilly-flowers, make an Eleſtuary. Let the Nurse take every day two drams, Or, Take Harts-horn prepared two drams, Magiſtery of Coral a drachm, Diamargariton frigid half a dram give half a dram, or a dram of this Powder, Let the Child be purged with Manna, or Raiſins laxative.

If you fear great Putrefaction under the Scabs, and that it will turn to a scald Heat, or eat the skull; wash the Head with the Decoction of Mallows, Barley, Celendine, Wormwood, or with Althæa-roots boiled in Boy's Urine, and Barley-water. And then anoint with Oil of Roses, bitter Almonds and a little Litharge. Or, Take Ashes of Mirtles and Nut-shells, each a dram; Tutty a dram and half, Butter washed with Rose-water an ounce. Or, Take juice of Beet. Celandine, each an ounce; Hogs grease two ounces, Sulphur a dram. Or Take Veruſs. Litharge, each two drams; Pomegranate flower and Agaric, each a dram; with oil of Roses and Vinegar, make an Ointment; or wash with Soap, and then with the Decoction. When the Skull is bare, use Honey of Roses and Spirit of Wine. and after round Birthwort and Balsom of Peru, and Turpentine with Tobacco water.

C H A P. IV.

Of a Scald Head.

IF Achores or Favi last long, or are ill cured, they turn to a scald, which is a scabby Ulcer that corrodes the Skin and stinks; it is called *Tinea* or Moth, which eats Garments as this doth the Flesh. *Tinea* is a moist Ulcer in the Head only.

The Immediate Cause is a sharp and salt Humour, melancholick from the Mother's blood or bad Milk; it infecteth others, by the colours or caps.

The Differences Some are like a bran or scurf, with Scales, some are slimy and when they Scabs is off there appears red quick Knobs of Flesh, like the inside of Figs; some are malignant, some not; some new, some old.

There

There are dry Scabs in the Head, yellow or ash-coloured, that run little, and that which is voided, stinketh, It is hard to be cured. If it be new or the Matter yellow, or the like, it is easier. An old Scald, ash-coloured and black is stubborn; after cure, the Hair will scarce grow here again, because the skin is so hard, if it will not grow after rubbing, there is no hopes of Hair coming again.

The Signs.

The Prognostic.

First, Take off the Scab with cleansers a little sharp; and because the Humours make the skin dry and thick, moisten with Hogs-grease upon Beet or Colewort-leaves. Or, Take juice of Fumitory, Colewort, Docks, and Elicampagne, each an ounce and half; Litharge half an ounce, with Hogs-grease, Oil of Rue, and Wax, make a soft Ointment.

The Cure.

When the Child is of Age and strong, make first, universal Evacuation with Senna, Rhubarb, Agaric, then take off the Scab with Sulphur two drachms; Mustard, half a dram, Stavisacre, Briony-roots, each a dram; Vinegar an ounce, Turpetine and Bears-grease half an ounce. Or, beat Water-ressles with Hogs-grease, and apply it. the Scab will fall off in twenty-four hours; continue it.

After the Scab is off, pull the Hair out by the Roots, with instruments or Medicines; commonly they use a pitched Cap, and pull it off violently, which brings away the Hair, Or, Take Starch or Wheat-flower two ounces, Rosin half an ounce, boil it in Water for a Pultis, lay it upon the several Scalds, and let it stick some Days, then pluck it off suddenly. Then use Emollients that correct the dry Distemper.

Also use Things to take the Excrements out that lie deep in the Skin. As, Take Roots of *Althæa* Docks, Lillies each an ounce, Mallows, Fumitory. Sage, each two handfuls; boil them in Lie; add Vinegar, wash the Head with it every Day. Then,

Take Obstratium, Sulphur, each half an ounce; Oil of Eggs an ounce, with Hog's-grease. After that, Take Briny and Dock-Roots, and Elicampagne-Roots, each an ounce; Fumitory, Celendine, Scabicus, each two handfuls; Camomil and Balm each handful; boil them in Lye, and wash the Head twice a Day therewith, or foment it, then rub the Head with a coarse Cloth, or with Oil of Staves-acre, or of Raddish, till it grow red, to draw out the bad Humours that lie deep.

Then

Then use Tar and Wax for a Cerot. Or, Take Salt-Petre an ounce, Oxy-mel, an ounce and a half Or, Take Quick Brimstone, an ounce, white Hellebore, Staves-acre, each two drachms, with Hogs-grease.

It is not safe to use Arsenick, or Orpiment, or Mercury, or other Poisons that corrode, because it is so near the Brain.

CHAP. V.

Of Ptiriasis, or breeding of Lice.

LICE are Creatures which breed in Cloaths that are constantly worn, but they are chiefly in Children, from the Excrements of the Head.

All say, That Filth and Nastiness alone is the Cause of Lice; but I think not, for Filth alone cannot do it, without Heat; for, besides the first Qualities, there is a hidden Force in the Matter, by which it is disposed to produce a particular Species; for Fleas and Worms will not breed of that Matter which breeds Lice: So it is in Plants.

Heat is the helping cause which raiseth the seminal Force, and brings it into Act; and though the Matter be putrid, it doth not work upon it. but as it is somewhat Natural.

Excrements are not presently putrid, but there is in them a Heat that can raise forming Force; and though there is some Putrefaction, yet is not so great as to hinder the Action; hence it is, That Children and Women that are hot and moist, have many Excrements that are fit to breed Lice.

Some Meats breed Lice, as Figs by their *Gal. Crib. Aufc.* fat Juice, which doth naturally tend to the Skin and Varieties of Meats, and not cleansing nor combing. The place where Lice breed in Children, is the Skin of the Head, where they stick fast with the Hair, especially if there be Scabs.

The Signs are needful; they are manifest.

The Prognostic. It is a filthy troublesome Disease, many having them breed all over the Body, and some have died by them. Sometimes the Lice leave them when they are about to die.

To prevent breeding Lice, let Children eat no Food of evil Juice, especially Figs; let the Head be often combed and

and washed, and the Matter purged that breeds them, with not, dry, thin Medicines, that draw the matter out, and consume superfluous moisture.

Take heed of Mercury and Arsenick in Children, but make this Lotion. Take round Birthwort, Lupines, Pine and Cyprus Leaves, each equal Parts; boil them. Or Take Eli-campane-roots two ounces, Briony half an ounce; Beets, Mercury Soap-wort, each an handful; Lupines a drachm; Nitre half an ounce, boil them for a Lotion; then use this Ointment. Take Powder of Stavisacre three drachms, of Lupines half an ounce, Agaric two drachms, quick Sulphur a dram and half, Ox-gall half an ounce, with Oil of Wormwood. There are stronger, as white Hellebore and Mercury; which are not safe.

C H A P. VI.

Hydrocephalus, or Swelling of the Head.

WE speak of this in the Water without the Skull; Hydrocephalus is from Water gathered within the Skull, or in the Ventricles of the Brain; as when the Child's head in the Womb hangs down, or when the Brain is very moist.

A Tumour from Water, contained in the Brain, is less and harder than when it is out of - *The Signs.* the Skull.

It is harder to be cured than when it is *The Prognostic.* gathered without the Skull, and is often deadly.

There are many Medicines mentioned, that *The Cure.* are good here to be used outwardly, and to the Nose and Ears. As, Take Snails in their shells, thirty, Mugwort, each a handful, stamp'd, and Camphire a scruple, Saffron half a dram, with Oil of Camomil, make a Pultis: Snuff this Water often. Take Nutmegs, Cloves, Cubebs, each a scruple; Calamus, Frankincense-bark, each half a dram; Marjoram-water, three ounces; drop hot Oils into the Ears. If in twenty Days the Water be not gone, open the Skull, and let out the Water by Degrees, and take heed of Cold.

The Tumour of Wind in the Skin of the Head, or membranes of the Brain, is seldom without Water, which breeds Wind.

Use Discuffers that make thin, as Chamomil Rue, Origan, &c.

CHAP. VII.

Of Syriasis.

Terta. ferm. **I**T is from *Ætius*, a Disease with a Fever of
4. c. 13. Inflammation of the Membranes of the
 Brain, so that there is hollownes of the Eyes
 and Forehead.

It is from the phlegmatick blood that grows
The Causes. hot by putrefaction, and so becomes like a cho-
 ler. The remote causes are hot weather, and
 milk full of wind, from the evil diet of the Nurse. Such
 milk will make the child drunk, and cause the Inflamma-
 tion.

Heat of the Forehead, and hollownes there,
The Signs. redness of Face, a Fever, Dryness, no Appe-
 tite, Watching. The hollownes in the fore-
 part of the Head, is where the Sagittal and Coronal Sutures
 meet, for there the Bones and membranous, and grow at
 last hard.

It is dangerous, and counted deadly a-
The Prognostic. mong Women; and as often as the Bone
 or Membrane falls, there is a Pit, and the
 Brain falls down, they commonly die in three Days.

First give a clyster of fyrrup of Roses or Violets, then
 coolers, of the juice and water of Lettuce, Courds, Melons,
 or apply a Pumpion split in two. But cool not the Brain too
 much; anoint with Oil of Roses. Or, Take Oil of Roses
half an ounce, Populeon an ounce, the white of an Egg, and of
the Emulsion of cold seeds, drawn with Rose-water, two
drachms.

After the Flux is stopt, and the Inflammation abated, use
 Discussers. As, Take Oyl of Chamomil an ounce and a half,
 of Dill half an ounce, with the Yolk of an Egg.

Let the Nurse's Diet be cooling, or the Milk be
 changed, let it not be vexed.

C H A P. VIII.

Of Frights in the Sleep.

Hippocrates saith this is often; the cause is 3. *Apbor.* 24.
unclean Vapours mixed with the animal spirits that disturb them, and present horrible Objections to the Fancy. They arise from the depraved concoction of the stomach, in full-feeding children, that eat more than they can digest. These Vapours ascend not only by the Weasand, but by the Veins to the Head. It comes often from Worms also, or corrupt humours that gnaw the mouth of the Stomach.

They growl in their Sleep, and twitch, and *The Signs.*
being frightened out of sleep, they cry, their Breath is hot, and often stinking.

Cure it presently, for it is the Forerunner of an Epilepsy. *The Prognostick.*

Give good milk, and less, that the stomach *The Cure.*
be not over-charg'd. Let it not sleep presently after Food, but carry it about till it is at the bottom of the stomach. Use the Oil of sweet Almonds, or honey of Roses two spoonfuls, to cleanse the stomach. Then strengthen it with magistery of coral, confection of Hyacinths with milk. Or, Take magistery of coral a drachm, Diaplerers a scruple, with Sugar dissolved in Rose-water, an ounce, make Roul.

Anoint the Stomach with Oil of Nard, Wormwood, mints, mastich, nutmegs. If it be from a Fever, look to that; if from Worms, I shall after speak of it. Some hang Coral and Wolves Teeth about the child's neck.

C H A P. IX.

Of Great-Watching.

A Child new born sleeps more than he weakes, because his Brain is very moist and he used to sleep in the Womb. If you cannot make him sleep by singing or rocking, nor the like, it is a Disease.

Are

Are divers in Men and Children; in these it is *The Cause* from Milk corrupt in the Stomach, from which sharp Humours arise and disturb the Animal spirits, and infect them; and if there be sad fancies, frights follow, of which before.

If it cries always, and cannot by Art be *The Signs* made to sleep, it is a sign of a Disease of Watching, which is dangerous, because Children use to sleep much. And hence comes Catarrhs, Convulsions, Driness, and Fevers. *The Cure.* The bad Milk must be amended, and the

de tuem. corrupt Meat prevented. If it be from a Fever or Pain, remove them. *Galen* adviseth you often to change the bed and place. Sleeping Medicines are not safe, but hurt, but are rather to be given the Nurse moderately, as sweet. Almonds, Lettice Poppy-seeds.

Wash the Feet with Decoction of Dill tops, Chamomil-flowers, Sage, Oslers Vine-leaves, Poppy heads. Cool not the Head too much nor use Narcoties. These are safe: Oil of Dill to the Temples, Oil of Roses, with Oil of Nutmegs with Poppy-seed, Breast Milk, Rose or Nightshade water with Saffron.

In great Driness of the Brain, let the covering of the Cradle-head be wet,

C H A P. X.

Of Epilepsie and Convulsion.

IT is either by Consent from Parts below, when the Milk corrupts in the Stomach, or from an in Quality in it from the Nurse's bad Diet, or from Worms in the Guts, or from Vapours, from bad Humours that twitch the Membranes of the Brain, as in the Meazels and Small-Pox.

It is sometimes from the Brain first as when the Humours are bred in the Brain that cause it, either from the Parents, or from Distemper, or bad Diet.

It may come from Tooth-ach also, when the brain consents, and from a sudden Fright.

The Signs. It is manifest. You shall know by the Signs of the Disease, whether it comes from bad Milk or Worms.

Worms or Teeth. If from a fright the People will tell you. If these all are absent, it is certain that the Brain is first affected.

It is a great Disease and kills for the most Part young Children. But when in older, and it comes at a distance, it vanisheth by Age. *Hipp. 58 Aph 7.* If it come with the Pox or Meazels, it ceaseth when they come forth if Nature be strong enough.

Give this Powder to prevent it to a Child as soon as it is born. Take Male, Piony roots, *The Cure.* gathered in the decrease of the Moon a scruple, Magistery of Coral half a scruple. with Leaf-gold make a Powder. Or Take Piony roots a dram, Piony-seeds, Mistletoe of the Oak, Elkes hoof, Man's Skull, Amber each a scruple Musk two grains; make a Powder.

The Florentines burn behind in the head to dry the brain; and Celsus saith, It is the Remedy *Lib 3. c. 25.* *Lib 3. c. 13.* *Aegineta* saith, that Children cannot endure such cruelty for the Pain and watching would kill them, See *Sylvaticus*.

The best part of the cure is the Nurse's Diet which must not be disordered. If it be from corrupt Milk, provoke Vomit, thus hold down the Tongue, and put a Quill dipt in oil of sweet Almonds down the Throat. *Sylvatic con. traq. 87.*

If it comes from Worms, give things that kill Worms with Piony-roots, and the like. If there be a Fever, respect that also. Give Coral, Smaragd and Elkes hoof. In the Fit give Epileptic Water, as Lavender Water, and rub with Oil of Amber; or hang a Piony-root, Elkes-hoof, or Smaragd about the Neck.

Of a *Convulsion*.

This is when the Brain labours to cast out what troubles it. The Matter is in the Marrow of the Back, and Fountain of the Nerves. It is a stubborn Disease, and often kills.

In the Fit wash the Body, especially the back bone, with the Decoction of Althæa, Lilly-roots, Piony, Chamomil-flowers. And anoint with Man's and Goose-grease, Oil of Worms, Orris, Lillies, Foxes, Turpentine, Mastich, Storax, Calamint. *Ex Paulo Aegineta.* The Sun-flower is good boiled in Water, for to wash the Child.

C H A P. XI.

Of Strabismus, or Squint Eyes.

THIS is when they lie in the Cradle with their Head from the light, or on one side and they still look towards the light, which causeth distortion of the Eyes, or it may come from the Epilepsie, or by Birth.

The Prognostic. If by birth, it is not curable: Nor, if it come from an Epilepsie. If it come from custom and be new, it is curable

The Cure. You must put a Candle on the contrary side, *Lib 1 part.* or a Picture, so long till the Eyes come to be *3. c. 48.* right.

C H A P. XII.

Of Pain in the Ears, inflammation, Moisture Ulcers and Worms.

OF these in the first Book. But here we shall speak of Infants: The Brain in them is very moist, and hath many Excrements which Nature cannot send out at its proper Passages; these get often to the Ears, and cause Pain and flux of blood, with Inflammation and Matter with Pain.

The Signs. In Children Pain and Inflammation are hard to be known, they cannot relate it, only it is known by constant crying and feeling their Ears, and will not let others touch them; sometimes the Parts about the Ears are red.

The Prognostic. It is dangerous, because it brings watching and Epilepsie; the moisture breeds worms there and fouls the spongy Bones and at length Deafness incurable.

The Cure. Presently allay the Pain, but Children must not have not strong Remedies. Only use warm Milk about the Ears, Oyl of Violets, or the Decoction of Poppy-tops. To take away moisture, use Honey of Roses, and *Aqua Moilis*, to be dropt into the Ears. Or, Take *Virgin*

Virgins Honey half an ounce, red Wine two ounces, Allum, Saffron, Salt-Peter each a dram; mix them at the fire. Or drop in Hempseed Oyl with a little Wine.

C H A P. XIII.

Of the Thrush, Bladders in the Gums, and Inflammation of the Tonsils.

THose are from bad Milk, or from foul Humours in the Stomach, for the Mouth is tender and cannot endure the sharp Milk, nor the Vapours from the Stomach, because the Coat is the same as in *Lib. 2. Part. 1. Cap. 18.*

The Bladders in the Gums are thus cured. Take *Lentils husked, powder them, lay it upon the gums.* Or, Take *Melium in flour half an ounce, with Oil of Roses make a Liniment.*

The Inflammation of the Tonsils is more from eleven to thirteen, for then the Parts are harder, and hold the Humours longer and they cannot sweat out.

For cure, keep the Belly loose by Clysters, *Hippo. Aphor 26.* or the like; use Repellers at first, then Resolvers with Repellers and at last Resolvers *Lib. 2 Par. 1.* alone, but not too hot; in Age, Gargles *cap. 22.* are best: In Infants anoint with Honey of Roses, Mirtles, Pomegranate's, Diamoron, inwardly; outwardly, use Oyl of sweet Almonds, Camomil, St. John's wort, &c.

C H A P. XIV.

Of Breeding of Teeth.

THIS is a necessary evil in all Children, and very great by reason of the variety of Symptoms joined with it: It is about the seventh Month, First the Foreteeth then the Eyeteeth, and last of all the Grinders. First they feel an itching in their Gums, then they are pierced as with a needle and pricked by the sharp Bones, whence is great Pain, Convulsions, Inflammation of Gums, Fever, Looseness and Watching and especially when they breed their Eye-teeth.

The Signs. First, it is known by the usual times as the beginning of the seventh Month. 2. Also they put their Fingers in their Mouths to allay Pain. 3. They hold the Nipple faster than before. 4. The Gum is white where the tooth begins to come, and there are divers Symptoms as mentioned before. The Fever that follows breeding of teeth comes from Cholerick Humours inflamed by Watching, Pain and Heat.

The Prognostic. The longer Teeth are breeding, the greater the Danger, so that many die of Fevers or Convulsions. They are best that have their Belly loose: These have no Convulsion, and a Fever consumes the Humours.

The Cure. Hard breeding of Teeth is from thickness of the Gums; therefore mollify and loosen them, rub them with your Finger dipt them in Butter and Honey, or a Virgin Wax Candle is to be chewed upon. Or anoint with Mucilage of Quinces made with Mallow-water, or with the Brains of a Hare. Foment the Cheek with the Decoction of Althæa and Chamomil flowers, and Dill, or with juice of Mallows, and fresh Butter,

If the Gums are inflamed, add juice of Nightshade and Lettice. Let the Nurse keep a temperate Diets inclining to cold, as Barley-broaths, or Water-grewel, rear Eggs, Prunes; Lettice, Endive. Avoid salt, sharp, biting peppered Meats and Wine.

C H A P. XV.

Of Loosing of the Tongue, and of the Frog.

WHen the Tongue is tyed, they cannot freely suck. This must be done by skilful Artists; or use this Liniment, Take clarified Honey, and boyl it up gently till it may be powdered then take yolks of hard Eggs, dried in a Glass in an oven, till they may be powdered, a drachm, Frankincense and Mastick each a scruple; burnt Allom six Graies, with Honey of Roses make a Liniment.

The Frog is when the Veins under the Tongue are filled with bad Blood; and if Flegm sweat out, and stick in the Passages, there is a Tumour like Mushrooms which causeth
stammering

stammering. It is cured thus: Take Cuttle bone, Sal-gem; Pepper, each a dram; burnt sponge three drams, make a Powder or with Honey a Liniment: Rub under the Tongue. Lay under the Chin a Plaister of Goose Dung and Honey boiled in Wine, till the Wine be consumed.

C H A P. XVI.

Catarrh, Cough, and difficult Breathing.

WE have spoken of these before but because *Lib. 1. Par. Hippocrates* reckons them in Childrens 2, c. 34. Diseases, I shall touch upon them.

The general Cause of a Catarrh in a Child, is *The Causes.* a moist brain, and much Milk that budens the Stomach, from whence many Vapours fill the Brain; and if the brain be full of Excrements, it is easily dissolved or melted, either by heat or cold, and goes to the Nose, Jaws or Lungs, which cause a Cough or Asthma. Moreover, much Food makes Crudities in the first Passages, and slegmatic Blood is bred of Crudities and thick Chyle in the Liver. This is sent by the arterial Vein into the Lungs, and pressing the Brochia or Pipes of the Lungs, causeth difficult breathing and Asthma.

It is known to be from a hot Humour if it be *The Signs.* thin, they often sneeze, the Face is red, and the Jaws; the Breath is short, and the Nurse finds it in her Nipples. If difficulty of breathing come from the Head, there will be coughing and snorting in breathing, and a noise in the Lungs, when the Air passeth not freely through them. If it come from the Parts below, there is neither Catarrh nor Cough, but hardness about the Liver and Tumour.

In Children a great Catarrh with short breath *The Prognostic.* is hard to be cured, because they cannot take Physick,

First, let it and the Nurse keep a good Diet, *The Cure.* fill not the stomuch with Milk nor other Diet; but let the Nurse forbear sharp, salt, peppered, sower things; and things that fill the Head with Vapours; and give her a Pectoral Decoction: Take Figs, Jujubes, each ten, Sebestnes thirty Raisons stoned ten drams, Liquirish two drams, Maiden

hair Hyſop, Violets, each half an ounce; boyl them in three pints of Water, to the Conſumption of third Part. Let her take fix ounces every Morning.

Keep the Belly open with ſyrup of Roſes or Caſſia, or a Clyſter with Oil of ſweet Almonds, with ſugar-candy, or juice of Fennel, with Milk, or hold down the Tongue and provoke Vomiting.

Give ſyrup of Jujubes, Maiden hair. If the Matter be thick, give ſyrup of Hyſop, or Horehound, or an Emulſion of Oyl of Sweet Almonds, Pinenucs, Scabious Water. Or give a Lohoch of Diachereos, Diatragacanth frigid, Penides, with ſyrup of Jujubes.

If it be hot, give Emulſions of the four great cold ſeeds, with Mallows, Pellitory, with Diatragacanth frigid.

To dry up the Matter, lay outwardly a ſtuph of Hemp hot, and ſprinkled with Powder of red Roſes and Frankincenſe. Apply Bazil and Marjoram to the Noſe, to make it ſneeze.

C H A P. XVII.

Of the Hickets.

IT comes from Corruption of the Food in the Stomach or from Milk filling it, or from cold Air theſe hurt the expulſive Faculty, and it is ſtirred up to expel what is hurtful,

The Signs. If it come from Repletion of Milk the Belly ſweels, and there is vomiting after. If from corruption of Milk, the Nurſe hath bad Milk. The Child crys, and is pained, and the Excrements ſwell of ſtinking Milk.

The Prognoſtic. Hickets is commonly not dangerous in Children, and ceaſe when the cauſe is taken away. If it be from a vehement cauſe, and goes to the Nerves, there follows a Convulſion, or Epilepſie and Death.

That from corruption of Nouriſhment is cured by Vomit, with a Feather dipt in Oil, to tickle the Throat; then ſtrengthen the Stomach with hot things. As, ſyrup of Mints, Origan, Wormwood; then anoint with Oil of Mints, Maſtich,

Mastich, Dill. Or, Take Mastich an ounce, Frankincense Dill seed each two drams; Cummin-seed a dram, with juice of Mints and Flax, apply them to the Stomach.

There is a Disease like the Rickets in Children from Anger or Grief, when the spirits are much stirred, and run from the Heart to the Diaphragma forceably, and hinder or stop the breath. Sometimes they have a shrill Voice, the Spirits suddenly breaking forth; but when the Passion ceaseth this symptoms ceaseth.

C H A P. XVIII

Of Vomiting.

IT is from too much Milk or bad-Milk, or from Flegm that falls from the Head to the Stomach; but this is seldom in Children. It is often from a moist loose Stomach: For as Dryness retains, so looseness lets go.

If it be from much Milk they are better *The Cure.* after Vomiting. If it be from Corruption of Milk, that which is Vomited is yellow green, or otherwise ill coloured, and stinking: Worms are known by their Signs.

It is for the most part without dangering Child *The Prognostic* dren; and they that Vomit from their Birth are Justest, for the Stomach being not used to Meat, and Milk being taken to much, oftentimes Crudities are easily bred, or the Milk is corrupted; and it is better to Vomit these up, than keep them in. If Vomitting last long it causeth Atrophy.

When it is from too much Milk give it less; if *The Cure.* it be from corrupt Milk, amend it, as I shewed. Cleanse the Child with Honey of Roses; and strengthen the Stomach with syrup of Mints, Quinces. Or, Take Wood Aloes, Coral, Mastich, each half a dram; Galengal half a scruple, with syrup of Quinces make a Linctus.

If the Humour be sharp and hot give tyrup of Pomegranates, Currants Coral,

apply to the Belly the Plaister of Bread; the Stomach Cerot, or Bread dipt in Wine hot. Or, Take Oyl of Mastich,

rich, Quinces, Mints Wormwood, each half an ounce; of Nutmegs by exression half a dram Chymical Oil of Mints three Drops. Coral hath an occult Propriety, therefore it is hung about their Necks.

C H A P. XIX.

Of the Torments or Pains of the Belly.

IT is often with the flux of the Belly, and from Milk alone that breeds Wind and sharp Humours. When it is corrupted, it gets to the Guts, and causeth a gnawing Pain, Worms staying in the Guts do the same.

The Cure. They cry continually, heat the Breast, and tosse to and fro. If it be from Wind it ceaseth sometimes the Belly swells, and they break Wind. If it be from Humours it is constant. If it be tough flegm, the Belly is bound, and the Dung is slimy. If it be sharp there is a Flux yellow and green. If from Worms there are signs of them, and of Crudities and Wind.

If this Pain lasts long, they are weak, or
The Prognostic. have Convulsions or Epilepsie; it is worse than from corrupt Milk and Worms, and is dangerous.

The Cure. If it be from crude Humours and Wind, give a Clyster. Take Pellitory, Chamomil-flowers each a handful; boil them in Chicken-broth, two, three or four ounces, add Honey of Roses an ounce, with the yolk of an Egg make a Clyster, this may be given safely to a Child of two Months old. Or give oil of sweet

Heur met ad Almonds, with Sugar candy and a scruple of *prax 1 2c 6*. Anniseeds, it purgeth new born Babes from green Choler and sticking Flegm, If it be given with Sugar Pap, it allays the crying Pains of the Belly.

Anoint the Belly with Oil of Dill or lay Pellitory stamp with Oil of Chamomil to the Belly. Or, Take Chamomil flowers Dill tops each a handful; Fœnugreek and Linseed, each half an ounce boil them in Wine foment the Belly twice a day before Meat.

If Pain.

Of the Flux of the Belly.

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If Pain be from corrupt Milk that is sharp, give Syrup of Roses, or Syrup of Succory with Rhubarb or a Clyster of the Decoction of bran, Pellitory, with syrups of Roses.

And use outwardly Oil of Roses, Dill and Chamomil,

C H A P. XX.

Of the puffing up of the Belly and Hypochondria.

WHEN they suck too much, the Belly is swelled under the ribs, for want of Concoction, and there are Crudities in the Stomach and Mind, and also in the Parts adjacent.

The Hypochondriacs are hard, and puffed up and there is straitness in the Mouth of the Stomach, and short Breath. It is easily cured with good Diet. Give a thinner Diet that the Crudities may be concocted. Give no fresh Nourishment till the first be Digested, then gave Honey of Roses to purge, or the Decoction of Cardiaca, which is good for the Heart and Mouth of the Stomach: It opens obstructions and cleanseth Elegg. Or Powder of Piony-roots, Cummin-seed, Jissamine; or make it up in Honey, Oil of sweet Almonds or Sugar for a Liniment. Foment the Sides with the Decoction of Cardiaca, Chamomil-flowers and Cummin seed.

The Signs.

The Prognostic.

The Cure.

C H A P. XXI.

Of the Flux of the Belly,

IT is, 1. From breeding of Teeth, with a Fever commonly, and the Concoction is hindered, and the Nourishment corrupted. 2. From much watching. 3. From Pain. 4. From stirring of the Humours by a Fever. 5. When they suck or drink too much in a Fever. Sometimes they have a Flux without breeding of Teeth, from outward Cold in the Guts or Stomach, that hinders Concoction.

If it be from Teeth it is known by the Signs in breeding of Teeth; if from external cold there

The Signs.

are Signs of no other Causes. If from a Humour flowing from the Head there are Signs of a Catarrh, and the Excrements are frothy. If crude Humours are voided, there is wind, belching, and flegmatick Excrements. If they be yellow, green, and stink, the Flux is from a hot and sharp Humour,

The Prognostic. It is best in breeding of Teeth when the Belly is loose; but if it be too great and you fear Atrophy, it must be stoped: If black Excrements are voided with a Fever, it is bad.

The Cure. A sucking Child need not cure so much as the Nurse; you must chiefly observe the condition of the Milk and mend it, if not change the Nurse, and let her not eat green Fruit, and Thing of hard concoction. If the Child suck not, take away the causes of the Flux, with Purges that bind after. As syrup of Honey of Roses or a Clyster. Take the Decoction of Miliun, Myrobalans each two or three ounces, with an ounce or two of syrup of Roses make a Clyster. After cleansing if the cause be hot, give syrup of dried Roses, Quinces, Mirtles, Coral; Currants, or the Powder of Diamargaritor, Coral, Mastich, Harts-horn, red-Roses, or powder of Mirtles, with a little Sanguis Draconis,

Anoint with Oil of Roses, Mirtles, Mastich; Or, Take red-Roses an ounce, Mirtles, Mastich each two drachms, with Oil of Mirtles, and Wax, make an Oyntment, Or, Take red-Roses, Moulin, each a handful; Cypress-roots two drachms, make a Bag, boyl it in red Wine, apply it to the Belly, or use the Plaister of Bread or Stomach Oyntment.

If the cause be cold, and Excrements white, give syrup of Mastich, and Quinces with Mint-water.

Lib. 3. par. 2. Use outwardly Mints, Mastich, Cum.
cap. 5. &c. 6. min. As, take Roseseeds an ounce, Cummin, Anniseeds, each two drachms; with Oyl of Mastich, Wormwood and Wax make an Oyntment.

C H A P. XXII.

Of Binding of the Belly.

IT is from a cold and dry Distemper of the Guts from birth in some. 2. From slimy Flegm that wrap, the Dung which sticks in the Guts. This is from bad Milks when the Nurse eats gross Food, slimy and astringent, or drinks little. 3. It is from a Distemper of the Kidneys or Liver, that dries the Excrements. 4. It is when Cholera doth not stir up the Guts to expel.

If it be from a dry distemper of the Guts, it *The Signs.* is hard to be cured; if it be from slimy Flegm, the Dung is wrapt in it. If Cholera comes not to the Guts to provoke them to Stool, the Dung is white, and the Body Yellow.

It is best in Children to have a loose *The Prognostic.* Belly and they are more healthful; for if it be bound, the Belly is pained, and there is a Head-ach.

First, take away the cause; if it be from a hot Distemper of any Bowel, or dry, wash the Child *Hippo.* often, to moisten and cool it in a Bath of Succo- *Apho. 35.* ry and Lettice boiled. In a cold Distemper use *The Cure.* hot for the Stomach, and in dry; use moist Things as Oil of Lillies, Dialthæa, Hense-grease, Butter, let the Nurse avoid astringent Meats, as Quinces, Medlars, Beans and use Emollients. If the Child be big give Juice or Decoction of Coleworts, with a little Salt and Honey. If it be from slimy Flegm, give Honey to Syrup of Roses. Correct the hot Distemper of the Liver and Reins, with syrup of Violets, and Emulsions of the fore great cold Seeds. If Cholera come not from the Gall to the Guts, give the Decoction of Grass-roots, Fennel, Sparagus, Maiden hair.

Give Clysters to cut and cleanse tough Flegm. As, Take *Althæa*-roots, Mallows, Pellitory; each half a handful; Fænu- greek and Linseed each a dram; Chamomil-flowers a pugil; boyl and to three or six ounces add three drachms of Cassia, Oyl an ounce, and the yolk of an Egg.

To the Navel apply Hens-grease, an Ox gall. Or, Take Aloes two drachms, Ox-gall a drachm, Scammony a scruple, with Butter make an Oyntment, fill a Walnut-shell with it, and apply it to the Navel. Anoint the belly with Emollients. Take fresh Butter, Goose and Hens Grease, each half an ounce; Oil of sweet Almonds and Linseed, each two drachms; Veal Marrow, Dialthæa, each two drachms with Wax make an Oyntment; Bran and juice of Dandelwort make a loosing Cataplasim for the Belly; only keep it from the Stomach, as you must do other Cataplasims.

C H A P. XXIII.

Of the Worms.

Ex Authore lib.

4. *de Morb.*

IT is observed, that Children have had Worms in their Mothers Belly and voided them after they were Born.

But they are chiefly bred by mixing Milk with either Meats, in a hot and moist Constitution and from sweet Meats which Worms love, and Summer Fruits; they are round and long, or broad and little.

The Signs.

Besides what is said in *Lib. 3. Part 2. Sect. 2. Cap.* Worms are known to be in a Body, when there is much Spittle, and a stinking breath, troublesome Sleep, gnashing of Teeth, crying and bawling a dry Cough, Loathing, Vomiting, Hickets, want of Appetite, or too much Thirst, a Belly swelled, bound, or too loose, thick White Urine, with Pain, when the belly is empty. and the Worms want Food. There is a cold sweat over the Face, and a high Colour, with sudden Paleness; sometimes a Fever and Convulsion which ceaseth presently. These are Signs of round Worms rather than of the flat.

The Prognostick.

Infants are often long troubled with Worms without any great Inconvenience, sometimes

sometimes they are great Symptoms. The long round Worms are worse, and have eaten sometimes the Guts and belly through; with a Fever they are more dangerous; few are better than many, and small than great; which are better than those of other Colours. The other Prognosticks are mentioned in other Places.

P R E S E R V A T I O N.

It is better to prevent the breeding of Worms than to expel them, by eating of Meats of good Juice, with Oranges and Pomegranates, and avoiding, sweet, fat and slimy Meats, Flesh, Milk, and Summer-Fruits, and Figs. Drink thin Wine, and Grass and Sorrel water with it, and with Powder of Harts-horn.

Let the Belly be kept loose, with Clysters for Children, or give the Decoction, of Sebestens before Meat, or of Wormwood and Scordium; but Children will not take better Things; therefore give Grass-water and Juice of Lemons or Citrons, or a drop or two of Spirit of Vitriol.

When you know by the Signs, that there are Worms kill and repell them with Powder of Corallide, Wormseed, Harts-horn, or eight Grains of Mercurius dulcis. Infuse them a Night in Grass water, and cast away the Substance of the Mercury, and give the Water. Or, Take *Wormseen two drachms, Coraline, Harts horn prepared each a drachm; Roots of Piony. Dittany, Magistery of Coral, each a scruple; make a Powder, or give the Essence of peach flowers, or the Decoction of Fern-water half an ounce, or an ounce.* If there be a Fever, use colder as Juice of Limon, Pomegranates, Orange, Vinegar; Harts-horn; Bezoar, Confection of Hyacinth or this Potion; Take *Grass-water four ounces, Syrup of Juice of Citrons an ounce, of Violets half an ounce, Spirit of Vitriol two drops, give two spoonfuls.*

Give bitter Things at the Mouth and sweet at the Fundament, as a Clyster of Milk. Or, Take Raisins
ten

ten, Figs seven boil them in Water; take of it four ounces; add Sugar an ounce and half make a Clyster. Use Varieties, that the Worms may not be too Familiar with one.

Apply Peach leaves to the Navel, bruised for a Cataplasm of Ox-gall, Wormwood and St. John'swort. Or, *The Powder of Wormwood, Gith, Century. Worm-seed Lupines each half an ounce; with Oil of Wormwood and Wax half an ounce; make an Ointment.* Or, Take Treacle half an ounce with juice of Wormwood, apply it to the Navel; or make a Bath of Peach-leaves, and Wormwood, put the Child into it up to the Navel. If there be a Fever use colder Things mentioned.

C H A P. XXIV.

Of the Rupture.

IT is from the Pæritonæum loose or broken, when the small Guts falls into the Cods, from Crying, Cough, straining at Stool, and from vehement Motion, or a Fall. Sometimes the Peritonæum is well, and a Water falls from the Belly into the Cods.

The Tumour is visible; if it be from a Gut; *The Signs.* it is one part only, as the right or left, and it may be felt, and that Hole also through which it fell. If from Water, it is even all over, and there was no cause of other Rupture.

The Prognostic. It is easier cured in Infants than in elder Persons; for it is safer, but worse than that of Water, which goes away of itself when the Water is consumed. Let the Belly be

The Cure. kept open; let not the Child cry. Avoid vehement Motion, lay him upon his Back, and thrust it up gently, and apply this Plaister, Take *Lambs tongue, Sanicle, each half an ounce; Lentil, and Lupines, and red Roses, in Powder each two drams; Frankincense a drachm, Allum half a drachm with the white of an Egg.*

Or

Or Take Frankincense, Cypress-Nuts, Aloes, Acacia, each two drachms. Myrrh a drachm, with Ising-glass, make a Plaister. Or apply Gum Elemi steep'd in Vinegar, till there be a Cream at the Top, and with Oil of Eggs make a Cerot.

Inwardly, Take Sanicle, Lambs-tongue each half a handful; Agrimony a handful, Comfrey the greater half an ounce, boil them to a pint strained, and Sugar, give it often. Or give Powder of Mouse-ear, or Moonwort with Wine.

If it be from Water, anoint with oil of Elder, Bayes, Rue, or apply a Cataplasm of Powder of Beans Fœnugreek, Linseed, Chamomil-flowers, Cummin-seeds, with these Oils.

CHAP. XXV.

Of sticking out of the Navel.

IT is without Inflammation, 1. When it was not well tied, and too much left that sticks out. 2. When the Peritonæum is loose, and hath Water or Wind in it, from Crying or Coughing. 3. When the Navel is Ulcerated, and the Guts fall into it; this is called properly *Exompholon*.

The Navel yields to the Touch, but in an Inflammation, it is hard; there are neither Heat, nor Redness, and it lasts longer than an Inflammation.

If the Navel was not well cut, there will be too great a Quantity; if the Peritonæum be not broken, but loose, the Navel starts not much out. and *The Signs* is not greater by crying; if it be broken, the Tumour scarce appears when he lies upon his Back, but it increaseth by Crying or Walking.

If the Midwife did not cut the Navel well, it is more troublesome than dangerous. If it be too large or ulcerated, at first it is easily cured, *The Prognostic.* but, afterwards it may cause a deadly Iliack Passion, when the Guts that fall in, are inflamed.

When

Of Practicall Physick.

The Cure. When the Peritoræum is loose, wind stretcheth the Navel: Then use a Cataplasme of Cummin, Bayberries, and Lupins, powdered in red Wine, or a Bag of Cummin and Spike boiled in red Wine. Then lay on an Astringent, and roul it.

If the Peritonæum be broken, first put in the Gut, then bind it close, after you have laid on Astringent Powders. Or, Take *Powder of Cypress-Nutts, Frankincense, Myrrh, Mastich, Sarcoal, Allum, Izing-glass, each a drachm; with the white of Eggs, make a Pultis,* and give Medicines against Ruptures.

C H A P. XXVI.

Of Inflammation of the Navel.

IT is from Pain, when it is not well tied, that draws blood to it. There is Redness, Hardness, Heat and Beating. If it turn to an Imposthume, and

The Prog breaks, the Guts come forth, and the Child
nostic. usually dies. First, abate Pain. Take *Mallow,*

The Cure. *boiled and stamp'd, two ounces; Barley-meal, half an ounce, Lillies, Fœnugreek, each two drachms; with Oil of Roses, make a Cataplasme,* To repel blood.

Take *Frankincense, a drachm, Acacia, Flebane-seed, each half a drachm; with the white of an Egg, make a Cataplasme.* Hinder Supperation as much as may be; but if it doth supperate, Take Turpentine half an ounce, the yolk of an Egg, and oil of Roses two ounces.

C H A P. XXVII.

Of Falling out of the Fundament.

WHEN the Muscle that shuts the Arse-Hole is loose, and the Fundament come forth, the cause is Moisture of the Muscles after a Flux, of straining at Stool, in Tenesmus or Needings, or when the Belly is bound.

The

Of the Stone in the Bladder.

321

The People will tell you the causes, and you may see it. *The Signs.*

It is easily cured, when it is from straining at Stool, if it hath not been long out. If it be from Store of Moisture, it is hard to be cured, especially if there be a Looseness of the Belly. for then Medicines cannot lie on. First, put it up; If it be swollen, foment it with the Decoction of Mal-

The Prog-
nosis.

lows and Althæa, or anoint with oil of Lillies then keep it in with Astringents. As, Take red Roses Pomegranate peels and Flowers, Cypruss-Nutts. each half an ounce; Sumach, Frankincense, Mastich, each two drachms, boil them in red Wine, foment with a spung then sprinkle on this Powder, Take red Roses and Pomegranate flowers, each half a drachm; Frankincense, Mastich, each a dram; spread it on a Clout and lay to the Fundament. See *Lib. 3. Part. 2. Sect. 1. cap. 6.* *The Cure.*

C H A P. XXVIII.

Of the Stone in the Bladder.

THE Stone in the Bladder is usually in Infants, as that of the Kidnies is in elder People. How it is cured we shewed before. In Infants, it is from gross unclean Milk made of tough Meats; this too much taken in, causeth crudities fit to breed the Stone, or Pap of Barley meal and Milk may cause it. There is also a Weakness in the Liver and Stomach, when they do not separate unprofitable Food, but much earthy Juice remains in the Chyle that breeds stones. Also a hot Distemper in the Reins, by which the Chyle is drawn to the Bladder; and if there be a native hereditary Disposition to breed the Stone, and earthy parts is in the Humour, which makes the Urine thick: this is in bigger Boys more than in Infants.

They

They piss by Drops, with Itching and Pain, the Urine is Stopt often, and that which is pissed, is like clear Water or Whey: Sometimes blood is pissed, and the Yard often stands.

The Prognostic, It increaseth daily, if it be not opposed, and cannot be cured without cutting, which is dangerous for young or old.

The Cure Prevent the breeding of it, when you see the least Disposition to it. Let the Belly be always kept loose, and the Nurse eat no gross slimy food: Make a Bath of the Decoction of Althæa, Mallows, Pellitory, Dill, Parsley, Fœnugreek, Linseed; then anoint the Bladder with Althæa, oil of Lillies and Scorpions, and apply a Cataplasm of Pellitory, boiled with oil of Lillies. A Powder. Take Magistery of Crabs-eyes, white Amber, Goats-blood, prepared each a scruple; with Parsley water, give it often: Or give two drops of Spirit of Vitriol with half a drachm of Cyprus Turpentine.

CHAP. XXIX.

Of Difficulty and Stoppage of Urine.

THERE are many Causes in ripe Age, that are mentioned, but in Infants, they are chiefly two causes, the thick Humour that breeds the Stone that makes a strangury and Dysury, and Stone that stops the Bladder.

The Signs. It is voided by drops, and the Child cries, and the Urine is thick. You may catheter, if there be a Stone.

The Prognostic. If it be not presently cured, it turns to the Stones: And all natural Evacuation in Children being stopt, is dangerous.

It is as in the Stone; you must evacuate Humours from the first Passages with Honey of Roses, Cassir, Turpentine, foment and anoint, as before, with Grass-water, Rest-harrow, Dropwort-water, and Decoction of Peas.

Peas. Or, Take The blood of an Hare an ounce, Saxifrage-roots six drams; calchire them: give from a scruple to half a drachm, with White-wine or Saxifrage-Water.

C H A P. XXX.

Of not holding the Urine.

SOME pifs not only in their Sleep, but always, because the Muscle that should close the Orifice of the Bladder is weak; and when much Water pricks it, it suffers it to come forth: Sometimes a Stone in the Bladder hurts the Sphincter, so that it cannot do its Duty. The cause of Weakness, is a cold Humour and moist, from gross, tough Meats from Gluttony and the like.

It cannot be known in Infants, but it may *The Signs* in elder Children, that know they ought not to piss a Bed.

If it come by Custom, it turns to an *The Prognostic.* Habit, or a Disease, and it is hard to be cured in ripe Years; if it be from Distemper, it is easie to be cured.

After the cold and moist Distemper *The Cure.* dry and Consume the Flegm, let the Nurse have a hot drying Diet, with Sage, Hyssop, Marjoram, let not the Child drink much keep the Belly soluble.

Outwardly anoint the Region of the Bladder with Oil of Castus, Orris, and other Driers; make a Bath of Sulphur, Allum, and Oak-leaves; or use, Sulphur or Allum-baths; give this Powder. Take Hogs bladders burnt; roasted Stones of a Hare, Cock's-Throat roasted each half a drachm; Acorns, two scruples; Nip, Mace each a scruple, give half a drachm, with Oak leaves Water See Lib. Part. 8. Sect. 2.

C H A P. XXXI.

Of Chafing in the Hips, called Intertrigo.

IT is Separation of the Scarf-skin from the true in the Hips. that causeth Pain and Unquietness.

The Causes. It is from sharp Piss; when the Clouts are not changed often: In such as are fat, to whom Filth sticks, easily.

The Signs. The Skin is off, and it looks red.

The Prognostic. It is troublesome, by Reason of the Pain, and causeth want of Sleep, and ulcerateth, if it be not cured.

The Cure. Change the Clouts often, wash and cleanse the Child often; sprinkle on this fine Powder of Lithargy of Silver, Seeds and Leaves of Roses, burnt Allum and Frankincense; or anoint with white Ointment and Diapompholigos.

C H A P. XXXII.

Of Leanness and Fascination.

Sometimes Children and Men grow lean: The Elder from Fevers, Consumptions, and other Diseases, but Children pine away, and the Cause is not known and ough they eat and perform other Actions they are not nourished, nor Grow.

The Causes or Consumption in Infants are little or bad Milk, by which, no blood is bred fit to nourish the Body so that they thrive not till they change the Nurse.

The second is Worms, that suck away the Nourishment.

The

The third is Worms about the Body without, as in the Back, Arms, or Legs, and all Parts; these are very small, and breed in musculous Parts, and stick in the Skin, and never come wholly out. but after rubbing in Baths, they put forth their Heads like black Hairs, and run in when they feel the cold Air; they breed of slimy Matter, shut up in the capillar Veins, which turns to Worms from Transpiration hindred.

The fourth cause in the Opinion of People, is Fascination of Witchcraft, either from the Eyes of Witches, or by Vapours, or by touch, or by Words from a Witch, these are alledged by many Authors. I neither allow nor plainly deny all these Ways of Fascination, though it is not credible that a Child should suffer by Words or Looks only. I deny not but Diseases may be sent from sick Bodies to others, as the Leprosie, the *French Pox*, Consumption, and the like, and may infect Infants. And I believe that they may be hurt by Witches and malicious Persons by the help of the Devil and God's Permissions; as *Basil the Great* Writeth; for wicked People make a League with the Devil, that they may hurt such as they look
Basil in
invidia
 enviously and angrily upon. And I add one thing. A Habit of Body, that is grown very excellent, is in most Danger, as *Hippocrates* saith,. When Children come to be very Healthful and Fair, they fall suddenly into a Disease. and the Vulgar not knowing the cause of it, impute it to Witchcraft.

The signs of the causes, if they be lean, *The Signs.*
 from a Fever or other Diseases, it is easily known. If these causes be not, view the Nurse's Milk; whether little, or her Breasts flag without Milk, and that is the cause of Leanness in the Child; if she have Milk, see if it be not hot and dry, and cholerick. And consider her constitution. If the Milk be blameless, see if it be not from Worms, either in the Guts or in the Skin; the Worms in the Skin are known, but putting the Child into a Bath, and rubbing it, especially on the
 Back

Back with the hand, and with Honey and Bread, and when you shall see little ash coloured or black Hairs come out of the Skin.

If there be no outward nor inward cause, you may mistrust a venomous Vapour or Witchcraft.

If it be for want of Milk, change
The Prognostic. the Nurse. If it be from Worms in the Skin, it is not hard to be cured; if it be from an occult Quality, or from Witchcraft, it is hard to be cured, because we know not the Nature of the Malignity.

If the Nurse may have any Disease or
The Cure. be contrary to the Constitution of the Child change her, kill and cast out the Worms, If it be from Worms in the Back, rub it, and anoint it with Honey and Wheat bread, and when their Head come forth, kill them with a Razor or crust of Breads do this often.

There are many superstitious Things carried about against Witchcraft; some hang Amber and Coral about the Child's Neck, nor is it impossible that Plants and Gums should have Power against Witchcraft, As, Briony-roots, and Elks-hoof, are good against the Epilepsie, also there are Amulets against other Diseases.

If Leanness be from a dry Distemper of the whole Body, there is no better Remedy than often bathing in Decoction of Mallows, Althæa, Brank ursine, Sheeps-heads, and the like, and anoint after with the oil of sweet-Almonds.

If he be hot and dry, add to the Bath, Lettice, Endive, Violets, Poppy-heads, and anoint after with oil of Roses, and Violets.

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